

KAIKŌURA WATER ZONE COMMITTEE

MEETING

Date: **Wednesday, 6 June 2018**

Time: **12.30 – 4pm**

Venue: **The District Council Chambers, 2nd Floor, 96 West End, Kaikōura**

TIMETABLE & ORDER OF BUSINESS

	12pm	Lunch	
		Open – Karakia	
1	12.30pm	Committee check-in & Order of business	Chair – T Howard
		<ul style="list-style-type: none"> • Apologies • Announced urgent business • Confirmation of previous meeting minutes • Te Reo practice 	
2	1pm	Opportunity for the public to speak	Chair – T Howard
3	1.10pm	Five Year Outcomes – priority setting workshop	M Griffin
		<i>This workshop will review the committee's 5-year outcomes to identify priorities for investment and support toward achieving these outcomes.</i>	
	2.15	Afternoon Tea	
4	2.30pm	Waiau Toa / Clarence Weed & Predator control – update	S Palmer
		<i>Steve will provide an update on integrated weed and predator control programme in the Waiau Toa Clarence catchment and introduce Jan Crooks who will take over co-ordination of this project.</i>	
5	3.10pm	Committee Updates	M Griffin
		<i>A series of updates are provided for the committee.</i>	
6	3.55pm	General Business	
	4pm	Close – Karakia	

KAIKŌURA WATER ZONE COMMITTEE

	Karakia	
OPENING KARAKIA (one)	E Te Atua Tiakina teora Manaakitia mai te oranui Homai he kakano kiatipu ake ai Tiakina teora E Te Atua Amene	O Lord Guard our wellbeing Bless us Give us a seed so that it may grow Guide and protect us O Lord Amen
OPENING KARAKIA (two)	E Te Atua Manaakitia mai mātou E kimi nei i tenei taonga mo te hāpori o Kaikōura Amene	O Lord Bless us Seeking this treasure For the community of Kaikōura Amen
CLOSING KARAKIA	Kia a tau kia tatou katoa, te atawhai o to tatou Ariki a Ihu Karaiti Me te aroha o te Atua Me te whiwhinga tahitanga ki te wairua tapu Ake ake ake Amene	Let it be with us all The grace of our Lord Jesus Christ The love of God The fellowship Of the Holy Spirit Forever more Amen
KAI KARAKIA	E te Atua Whakapainga ēnei kai Hei oranga mō ō mātou tinana Whāngaia hoki ō mātou wairua ki te taro o te ora Ko Ihu Karaiti tō mātou Ariki Ake ake ake, Amene	Lord God Bless this food For the goodness of our bodies Feeding our spiritual needs also with the bread of life Jesus Christ, our Lord Forever and ever Amen

MINUTES OF THE KAIKŌURA ZONE WATER COMMITTEE MEETING HELD AT 1.35PM ON WEDNESDAY 2 MAY 2018 AT COUNCIL CHAMBERS, 96 WEST END, KAIKŌURA.

PRESENT: T Howard (Chair), T Sonal, R Roche, A Boyd, P Bradfield, J Murray, N McArthur, M Griffin, Councillors C Harnett, T Blunt (arrived 2.10pm).

IN ATTENDANCE: C Armour, J Hill, T Butterfield, K Whitfield, R Bjornsson, M Hoggard, J Harrison.

APOLOGIES: G Solomon, S Lowndes, N Dommissie, K Heays.

Moved by M Griffin, seconded by T Howard and resolved that apologies be accepted.

1. CONFIRMAITON OF MINUTES 4 APRIL 2018

Moved by J Murray, seconded A Boyd and resolved that the minutes of the Kaikōura Zone Water Committee meeting held on 4 April 2018 be confirmed a true and accurate record.

2. TE REO PRACTICE

Te Reo practice carried out by C Harnett:

- Phonics of the vowels.
- Macrons on top of the vowels
- The 'o' in Kaikōura – held longer.

Many words have multiple meanings depending on how you pronounce them. Hopefully by the end of the year everyone will be able to recite their mihi or pepeha.

3. COMMITTEE UPDATES

Committee updates were included in the agenda, the committee discussed the following points:

M Griffin advised of an ECan secondment of a Cultural Land Management Advisor for Kaikōura and Hurunui/Waiau which includes funding support from the Kaikōura Plains Recovery Project.

Love the Lyell/Waikoau & Nutrient Management & Water Efficiency

- Drainage control designs have been finalised with work commencing 14 May at 3 locations on adversely affected farms. This is a workstream of the Kaikōura Plains Recovery Project.
- Lyell catchment recovery plan underway. NIWA have been contracted by the Kaikōura Plains Recovery Project to do this plan, and will be in town next week holding a workshop with stakeholders and landowners.
- Idea was to brainstorm future planting – not just on public land but private as well.
 - A Boyd – can individual landowners be surveyed to see if they want to help or require help?

- C Harnett – can Council put something on their website to support the project?
- Primarily will need to establish what areas are suitable for children.
 - T Howard – queried if any Maori Land reserves in the Lyell Creek Catchment?
 - A Boyd – Trees for travellers does well, planting trees that provide habitat birds & insects.
- Council are yet to make a decision on the sewer line replacement so it is pointless planting at this stage until the sewer line fix is established.

Kaikōura Zone Delivery Team – Rachael Bjornsson – Power Point Presentation – Waste Water

- Past year and going forward all landowners will be contacted to see if their septic tanks have been damaged and help with a resolution.
- ECan need to ensure the ground is not compromised or contaminated by damage waste water.
 - People may not be aware of the rules – Rachael is there to help with the understanding and who to approach for repairs or insurance etc.
 - Collaboration – continued discussions with KDC.
 - Canterbury Food & Health Standards have been dealing with this and trying to avoid the issues encountered in Christchurch.
 - Community Outreach – keeping in touch with them in relation to any issues they may have come across.
 - Most common issue is septic tanks popping out of the ground. Water table levels have risen.
- Many septic tanks in the Kaikōura District don't have resource consent – but only because they didn't need one at the time they were installed. This is an ongoing list. Letter drops have been completed and still waiting response from some land owners.
- Some people are not getting them checked because they don't believe they are damaged and don't want to go the extra mile or cost to get them checked.
 - No funding options known but worth investigating.
 - Is there a fund in the Council – Mayoral Fund?
Action – C Harnett to follow up.
 - Present this to the application review committee?
 - Maybe just get a contractor in to get the 70 or so done and invoice them. Up to the landowners if they want to pay. Need to make sure our waters are clean.
 - Felt that we just need to get this done.
 - Oasis were coming in to do free checks – are they still doing this?
Action – R Bjornsson to follow up.
- Waste water systems are not all in preferred locations with a total of 21 septic tanks within the 50 metre buffer of Lyell Creek, which had not been checked by a contractor. Follow up with land owners is required. Rachel is keeping in contact with the most urgent locations, but has not put deadlines on responses at this stage. Insurance is coming to an end and it is getting harder to prove the damage was earthquake related as it has been left too long.

Next regional meeting 15 May 2018.

Watershed Symposium

- R Roach felt that it was an amazing event.
- N McArthur wondered if the next symposium could provide time to hear from other Zones. M Griffin confirmed this was a consistent point in the feedback from attendees. N McArthur queried if youth and education are key issues then maybe they need to sit at a Central Govt level, as part of the school curriculum. She added ECan Communications needs to develop a good app supporting information on the CWMS.
- T Sonal commented that the speakers, and the children particularly, were powerful and validated the track we were on here in Kaikōura. She added it would be interesting to know the back ground of the children involved and what made them passionate about the water. In the past youth got a lot of direction by coming to a youth hui in Kaikōura and came up with some wonderful stuff. Swimming in Lyell Creek was something they wanted to achieve. It would be interesting the follow up on those attending the youth hui to see where they are at now in relation to water.
- T Blunt like the idea of the floating plant mats to absorb nutrients and appreciated this reporting.
- M Griffin commented that the Kaikōura committee members attending brought a lot of energy to the day and this was commented on by others.

Land & Water Regional Plan – do it off line as a subcommittee via email.

- Omnibus Plan Change – any feedback as a region that we want to add to this?
- To give everyone time to review this and provide feedback via email.
 - A short discussion noted better planting and better management of fertiliser, as examples of what we can do more of. but still may not see us reaching the targets as set out in the plan.
 - How is water quality measured and when it is measured are also important factors. Classification system may need looking at.
 - T Howard noted the inherent complexity and interconnectedness of these aspects of the CWMS, which makes it difficult to single out specific workstreams to achieve better water quality outcomes.

Moved by M Griffin, seconded by T Howard and resolved that the sub-committee discuss and provide feedback to the wider committee.

Applicant in the 2018 LGNZ Excellence Award for Environmental Impact

- M Griffin provided copies and an overview of the application put forward which focused on the integrated weed and predator control in the Waiau Toa / Clarence catchment the committee has supported through Immediate Steps funding over the last three years. The application profiled work undertaken in the catchment from August 2015 to November 2016.
 - Where are we heading over the next 5-10 yrs, and how reliant we are on a few core people leading the way forward?

- It is quite evident we need a co-ordinated approach to such a large and important catchment.
 - The programme has received funding and support from various organisation.
 - Focus on areas 3 & 4 in upper parts of the catchment is nearly complete.
 - J Murray affirmed a briefing is required from Steve Palmer if we want to push this project. He noted this programme started with a lot of momentum but this has slowed noticeably. It was a great start but we haven't delivered on all the priorities.
 - J Hill confirmed S Palmer has demand to attend to other regional projects and will hand over responsibility for the Waiau Toa Clarence programme to ECan Biosecurity Officer, Jan Crooks. S Palmer will continue to provide support when he can.
 - T Sonal – we used to have regular updates on how & where Immediate Steps funds were allocated. We need more communication out there so people know where to go to get help or advice.
 - C Harnett – are there areas that are now more at risk than when the project started?
 - Action: M Griffin to arrange a briefing from S Palmer at either the June or July committee meetings.
- J Hill highlighted the weed survey being undertaken over the next two years that will support the future work in the catchment helping to identify where progress has been made and a valuable reference for future work to measure progress against.
 - Some weed spraying has been completed in the upper catchment, however, the earthquakes have affected access in some locations.
 - Survey will give an idea on where we are now and where we are heading, gains made and what we can improve on.
 - Due to size of catchment it will take 2 seasons.
 - J Hill confirmed that once the handover has occurred from S Palmer, she and J Crooks aim to touch base with all the landowners before spring.

4. COMMUNICATIONS UPDATE

Tania Butterfield – PowerPoint.

- Go over milestones
- Social Media 101 handbook provided for the committee
- How many have 'Facebook'?
- How many liked 'ECan' on 'Facebook'?
- How many liked 'Canterbury water' on 'Facebook'?
- T Butterfield explained content that goes on the Canterbury Water site is water related including stories that come out of Zone Committees.
- She noted via Facebook content can be shared – the biggest advocate for the Zone Committee is yourself. You become personally involved when it is someone you know.
 - T Sonal suggested the septic tank issue go onto the Kaikōura Notice Board, however, she doesn't want to see the Kaikōura Notice Board filled up with words. Pick and choose what we include and include a hyper link.

- C Harnett – maybe approach the Kaikōura Notice Board Administrator in relation to sharing. Also, if we have a project happening, someone needs to take ownership with regards photos and getting it onto social media.
- T Butterfield confirmed KDC & ECan communications team have been working together on how to get stories out there. KDC have been using Facebook/ Kaikōura Notice Board. We can all use social media but we need to share it.
- The KDC and ECan communications team can assist with preparing content but Zone Committee members need to share it. Facebook can reach. Content hungry.
- How do we get the communication out there. The intent is that either T Butterfield or K Whitfield will attend monthly Water Zone meetings to provide communication support and updates as required.
 - K Whitfield – raised getting youth involved, noting we have an awesome youth council here in town. How can we engage them? School newsletters are one option. It was noted Selwyn Zone Committee are trying a Youth Zone Committee.
 - N McArthur – Enviro Schools are not in Kaikōura, as KDC would not fund – is this correct? Maybe this is something to go to KDC for their long-term plan? There have been many changes at the local schools in Kaikōura, and the schools also need to be on board in order to re-establish an Enviro Schools programme.
- The last zone committee newsletter was in October 2017. They need to be 3 monthly with updates on current projects. Also on Facebook. We need to decide on content to include, maybe photos with a story – pre and post-earthquakes.
 - T Sonal – wants to know why the newsletter did not happen 3 monthly as previously discussed. Last one was October. Maybe missed opportunity.
- T Butterfield clarified there had been quite a bit of pressure on staff to ensure we had sufficient resourcing to deliver on this communications plan. Between Kim & Tania the communications should become more stream lined.
 - T Howard – apologised as he had been given the task to write something but got tied up with other stuff.
 - T Sonal – provided some background on some potential articles. Water tanks, planting along the Lyell that is now lost, sewerage issues.
 - Can any article for newsletters be provided prior to print? Articles ideally need to be seasonal.
 - T Howard – must be careful we do not flood the market.
 - Stories done each month could go into a bigger quarterly newsletter. Need to make content engaging to encourage friends to share on Facebook. Maybe a profile on staff members roles would be another theme for content.

5. FIVE YEAR OUTCOMES

Refreshed 5 Year Outcomes 2018

- The nine 5-Year Outcomes that have been worked through over the year were the focus of this session. The Committee are looking at these and how to make progress.

M Griffin confirmed ECan are indicating there may be up to \$100k made available in 2018/19 to support priority projects and actions addressing these outcomes. The septic tank issue was noted as a possible project to consider for support from KDC and ECan. It was agreed a workshop for an hour or two to work through this would be beneficial.

- N McArthur – Outcome 5 – have we missed something with regards the geographic area. Need something for the wider farming community.
- M Griffin – what would this look like?
- T Blunt – water quality outside of the plains is relatively good hence why it is not included in Outcome 5. The original goal was that every sheep & beef farmer had completed an environmental plan.
- T Howard – the Earthquake has contributed so much into the catchments it has undone what we as humans had done.
- Maybe the document needs re-wording around Outcome 5 ‘with some special emphasis’.
- There is a lot coming with Plan Change 5.
Action – M Griffin follow up on what Plan Change 5 of the Canterbury Land & Water Regional Plan will likely mean for landowners and water users in Kaikōura.
- M Hoggard – offered some thoughts to this discussion, noting there are still opportunities in the top of the South Island to look at funding and partnerships as discussed at the previous committee meeting with DOC staff. Need to be certain the river rating work is as per the 9 Zone Outcomes. Is there a way we can work toward better aligned with biodiversity? We don’t want to make the problems worse. Over 5 years, what sort of gains can we make on some of the outcomes.
- J Harrison – suggested a targeted approach is required.
- T Sonal – Funding could be spent on someone out there actually doing the physical work.
- C Harnett – how often would this need to be done, i.e. are residents abusing the river if large items are being continually cleared out. Still some areas we are not certain about until we get answers, e.g. sewer
- N McArthur – We could invite a Christchurch City Council or Zone Committee representative to attend in 12months time to update on their decision not to mow the river banks in Christchurch. It would be useful to get an update on the results.
- T Howard – noted other options such as river ratings to complete stop banks.

There being no further business the meeting closed at 4.37pm.

AGENDA ITEM NO: 1	SUBJECT: Te Reo Practice
REPORT TO: Kaikōura Zone Committee	DATE OF MEETING: 6 June 2018
REPORT BY: Gina Solomon, Deputy Chair & Kaikōura Rūnanga representative	

A HAKA MANA WAIATA

This waiata may help with pronunciation. Listen to the website below and sing along 😊

<https://www.youtube.com/watch?v=qcZoC8Y5X5s>

A Haka Mana

A haka mana para ta wa nga wha
 E heke mene pere tewē nge whe
 I hiki mini piri tiwi ngi whi
 O hoko mono poro towo ngo who

A.E.I.O.U.

U huku munu puru tuwu ngu whu

TU / TAE / PU / TA / PU / TA

HAU / MU / RI

O / A / RO

KA / HU / TA / RA

PE / KE / TA

KO / WHAI

KAI / KŌU / RA

WAI / KO / AU

RA / KAU / TA / RA

MA / NGA / MAU / NU

KE / KE / RE / NGU

WAI / AU / TO / A

PA / RI / NU / I / O / WHI / TI

OPENING KARAKIA (one)

E Te A/tu/a

Ti/a/ki/na te o/ra

Ma/naa/ki/ti/a mai te o/ra/nu/i

Ho/mai he ka/ka/no ki/a/ti/pu a/ke ai

T/i/a/ki/na te/o/ra

E Te A/tu/a

A/me/ne

OPENING KARAKIA (two)

E Te A/tu/a

Ma/naa/ki/tia mai mā/tou

E ki/mi nei i te/nei tā/o/nga

mo te ha/po/ri o Kai/kōu/ra

A/me/ne

CLOSING KARAKIA

Ki/a tau/ ki/a ta/tou ka/to/a

te a/ta/wh/ai o to ta/tou A/ri/ki a I/hu Ka/rai/ti

Me te a/ro/ha o te A/tu/a

Me te whi/whi/nga ta/hi/ta/nga

Ki te wai/ru/a ta/pu

A/ke a/ke a/ke

A/me/ne

KAI KARAKIA

E te A/tu/a

Wh/a/ka/pai/nga ē/nei kai

Hei o/ra/nga mō ō mā/tou ti/na/na

Whā/nga/ia ho/ki ō mā/tou wai/ru/a ki te ta/ro o te o/ra

Ko I/hu Ka/ra/i/ti tō mā/tou A/ri/ki

A/ke a/ke a/ke,

A/me/ne

Lord God

Bless this food

For the goodness of our bodies

Feeding our spiritual needs also with the bread of life

Jesus Christ, our Lord

Forever and ever

Amen

AGENDA ITEM NO: 3	SUBJECT: Zone Committee 5 Year Outcomes – priority setting workshop	
REPORT TO: Kaikōura Zone Committee		DATE OF MEETING: 6 June 2018
REPORT BY: Murray Griffin, CWMS Facilitator – Kaikōura		

PROPOSAL

This workshop provides the Zone Committee with an opportunity to review the 5 Year outcomes (and Zone Delivery milestones), as provided below, to set priorities for support and investment in 2018/19.

This workshop will assist the ongoing discussion with Environment Canterbury to clarify what investment Environment Canterbury, and other partners, can contribute into the Zone in the absence of any sub-regional plan process until 2026/27.

WORKSHOP FOCUS

This workshop follows on from the May Zone Committee meeting's workshop session and will focus on the 5 Year outcomes – 5 and 6, as noted below.

Please find two attached worksheets for this workshop providing information on these outcomes, including an infographic for each

These infographics were originally developed for Zone Committee newsletters distributed in 2015.

Kaikōura Water Zone Committee – Refreshed Five Year Outcomes 2018

5) Achieve water quality outcomes on the Kaikōura Plains by ensuring nutrients are managed at an acceptable level as defined by the Land and Water Regional Plan

Zone Delivery Milestones

- All farmers who require consent are receiving an A or B grade audit.
- All other farms are operating at GMP.
- The Kaikōura Plains Recovery Project milestones are being achieved.
- Establish an understanding of the pathway towards improving water quality outcomes and the planning requirements supporting improvements in water quality.

6) In-stream ecosystem health is improved to allow for safe mahinga kai and recreational use of the Lyell Creek/Waikōau catchment

Zone Delivery Milestones

- Native corridor and recreational path established along Lyell Creek collaboratively with community, schools, KDC and NCTIR.
- Lyell Creek becomes part of the Fonterra 50 Catchments project.
- A detailed plan is in place to restore the whole catchment (KPRP).

<p>Kaikōura Water Zone Committee – priority setting workshop : 6 JUNE 2018</p>	<p>Outcome 5</p> <p>Achieve water quality outcomes on the Kaikōura Plains by ensuring nutrients are managed at an acceptable level as defined by the Land and Water Regional Plan</p> <p>Zone Delivery Milestones</p> <ul style="list-style-type: none"> • All farmers who require consent are receiving an A or B grade audit. • All other farms are operating at GMP • The Kaikoura Plains Recovery Project reaches its milestones in a timely manner. • Establish an understanding of the pathway towards improving water quality outcomes and the planning requirements supporting improvements in water quality
<p>Current / past projects:</p> <ul style="list-style-type: none"> - Nutrient Management Working Group - FEPs - Red zone consents - Kaikoura Plains Recovery Project - Irrigation efficiency - Whole Catchment Recovery <p>Upcoming projects:</p> <ul style="list-style-type: none"> - NIWA Lyell Creek Restoration Plan due July (KPRP funded) - Kaikoura Plains Recovery Project has a Cultural Land Management Advisor starting 	<p>What next?</p>

Water quality RED ZONE in Kaikōura

AUTUMN 2015

Kaikōura Zone Committee



For information on how you may be affected by the Red Zone status
phone: 0800 324 636
email: ecinfo@ecan.govt.nz
You can also visit www.ecan.govt.nz & search for "Information for farmers"

The Kaikōura nutrient Red Zone is an area where water quality is not as good as it should be – so it isn't safe to swim, fish or gather mahinga kai in the rivers and streams.

The Red Zone – shown in the map to the right – is the only area in Kaikōura where water quality is poor and we need urgent action to stop it getting worse. The Kaikōura Plains have been formally identified as a red zone in the Canterbury Land and Water Regional Plan.

Part of the Kaikōura Plains Red Zone problem is the low-lying and slow-flowing nature of our spring-fed streams which act as natural collection points for any contaminants in surface water or groundwater.

We all want our streams to be safe and healthy with more fish and insects, better oxygen levels, cooler water, and less algae, bacteria, sediment, nitrogen and other nutrients. The information here shows what is being done, and what can be done, to improve water quality and how you can play your part.

Drivers of the nutrient Red Zone include:

- Leakage from septic tank systems.
- Rain run-off from paddocks which can carry effluent, fertiliser, or soil.
- Stormwater run-off from roads, footpaths, driveways, car parks which can contain dog poo, grass clippings as well as other litter or chemicals.
- Over-application of farm fertiliser.
- Over-watering of land.
- Lack of a buffer strip between fences and streams.
- Decay and breakdown of instream plants and organic matter.

Changing the Red Zone status:

A process for developing the plan for the Kaikōura section of the LWRP will begin in 2019/20.

The aim is to improve water quality and waterway health by setting nutrient limits that are acceptable to the whole community, while being achievable for land users.

People in Kaikōura can take part in discussions around what constitutes acceptable water quality and stream health in Kaikōura, what sort of environmental limits should be put in place, and what can be done to reduce the risks of excess nutrients getting into waterways.

The initial process will be led by the Kaikōura Water Zone Committee, but will need input from a wide variety of individuals and organisations with an interest in water quality issues. The Committee will keep you informed on how we address water quality on the Kaikōura Plains.

To find out more, or to contact the Committee, call Kevin Heags on 319 5781.



<div>Kaikōura Water Zone Committee – priority setting workshop : 6 JUNE 2018</div>	<div><div><div>Outcome 6</div><div>In-stream ecosystem health is improved to allow for safe mahinga kai and recreational use of the Lyell Creek/Waikōau catchment</div><div><div>Zone Delivery Milestones</div><div><ul style="list-style-type: none">Native corridor and recreational path established along Lyell Creek collaboratively with community, schools, KDC and NCTIR.Lyell Creek becomes part of the Fonterra 50 Catchments project.A detailed plan is in place to restore the whole catchment (KPRP).</div></div></div></div>	<div><div><div>Current/past projects:</div><div><ul style="list-style-type: none">Love the Lyellcommunity planting and clean up daysSeptic TanksPollution prevention visits</div><div><div>Upcoming projects:</div><div><ul style="list-style-type: none">NIWA Lyell Creek Restoration Plan due July (KPRP funded)Kaikoura Plains Recovery Project has a Cultural Land Management Advisor starting</div></div></div><div>What next?</div></div>
<div>Are there any projects to prioritise for funding in 2018/19?</div>		

Our local waterway needs our love!

SPRING 2015

Kaikōura Zone Committee

Canterbury Water

Waikōau/Lyell Creek

KAIKŌURA

Spring heads
This is where the Creek begins, where a number of springs bubble up with groundwater then meander through the plan. We want to see continued good management of the creek and its drains with more sections planted providing habitat for fish, birds and bugs.

West end
This is the most visible section of the Creek, and the most modified to protect the town from flooding. We want to see more locals and tourists using this area - for walking, a place to sit and eat lunch or just to enjoy on the way to the beach. We want to see clean stormwater entering the Creek and native plantings amongst the boulders.

Mouth
This is where the Creek meets the ocean. Our vision here is for an open mouth providing passage for fish, a place for mahinga kai gathering and fishing and a safe environment for swimming.

Esplanade
This section is where the majority of the Creek's neighbours are found, both industrial/commercial and residential. We envisage a well-cared-for stream with planted banks providing a good habitat for birds, fish and bugs. We want to see an esplanade walk/cycle way connecting Mill Road with the town centre running beside the Creek providing a peaceful environment for walking, cycling and mahinga kai gathering.

Map Labels: State Highway 1, Lyell Creek North Branch, Lyell Creek South Branch, Mill Rd, Mt Faffe Rd, Beach Rd, Lyell Creek, Waikōau/Lyell Creek Esplanade, Warrens Creek, Luckstone Rd, West End, Esplanade.

For more information on your local waterway
phone 0800 324 636, email ecinfo@can.govt.nz

Environment Canterbury Regional Council
Kaitiaki Take Kōwhiri

KAIKŌURA DISTRICT COUNCIL

AGENDA ITEM NO: 4	SUBJECT: Waiau Toa/ Clarence – Immediate Steps Update
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 6 June 2018
REPORT BY: Murray Griffin, CWMS Facilitator – Kaikōura	

PURPOSE

The purpose of this agenda item is to provide the committee with an update on the Biodiversity Action Plan for the Waiau-toa / Clarence catchment. This management plan is proposed as a 5 year work programme, from 2016 to 2020, building on the success and collaboration established through weed management in the catchment over the last two and half years.

BACKGROUND

- The Kaikōura Water Zone Committee funded three Immediate Steps projects in the upper and lower Clarence/Waiau-toa in 2015. The combined funds committed by the committee came to \$148,000.
- The Kaikōura Water Zone Committee committed to ongoing Immediate Steps funding in the upper and lower Clarence/Waiau-toa for 2016 to 2020. The combined funding by the committee is \$250,000 based on \$50,000 per year for five years.
- The aim of these projects was and is to protect braided river habitat from the threat of weeds to ensure that the native flora and fauna can continue to thrive.
- This aligns with the committee's 5 year outcomes as follows:

Outcome 4) Appreciate and enhance the unique wilderness and undeveloped character of the Waiau Toa / Clarence River

Zone Delivery Milestones

- Increase numbers of threatened bird populations to a healthy thriving population on the Waiau Toa / Clarence.
- Comprehensive weed management programme is in place and accepted by landowners and agencies and overseen by a community group.
- Provisions in place to protect the undeveloped character of the Waiau Toa/Clarence Catchment (e.g. sub regional).
- Protection plan in place to safe-guard native fish and plant populations within the Waiau Toa/Clarence Catchment.

WHO

- This update will be led by
 - Steve Palmer (Biosecurity Advisor Special Projects, ECan)
 - Jess Hill (Biodiversity Officer, ECan)

RECOMMENDATIONS

The Zone Committee are asked to receive this update for their information and comment, and with reference to the committee's 5 Year Outcomes and 2018/19 work programme priorities.

AGENDA ITEM NO: 5	SUBJECT: Committee Updates
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 6 June 2018
REPORT BY: Murray Griffin, CWMS Facilitator – Kaikōura	

PURPOSE

The purpose of the agenda item is to provide the committee with an overview of updates to be tabled.

COMMITTEE UPDATES

The following updates will be addressed with the committee:

- **Working Group Updates**

An update on these Working Groups will be provided at the meeting.

Nutrient Management & Water Efficiency

- Lyell Creek Stream walk & the proposed 'Lyell Creek Catchment Recovery Plan' – the report is expected by the end of June 2018.
- 'Farming in wet conditions' & 'irrigation efficiency' workstream – the implementation of a project starting in July around soil moisture probes on farm, and educating farmers around water use, soil moisture deficit and best management practices around farming in wet conditions.
- Cultural Land Management Advisor – Makarini Rupene is now in place on a 3-month secondment.
- Drainage project – following much pre-planning, two trials on two different farms were constructed/implemented early May based on designs engineered by AgFirst Engineering. Not only will this assist farmers in reducing excess water issues on farm, but it will allow for dissemination of information to the wider farming community by way of field days with expertise and information produced.
- Farmer assistance with MPI option 2 funding continues, for individual property projects/needs. (\$5K/per property available from MPI over 2 years for 'technical advice/advisory services').
- A community member position is still available on the Governance Group.

Love the Lyell/Waikōau

A short update on the Lyell/Waikōau Working Group will be provided by Chloe Armour (Environment Canterbury Land Management Advisor).

- **Kaikōura Zone Delivery Team – update**

- Introducing Makarini Rupene – Cultural Land Management Advisor, Environment Canterbury. Makarini is currently in a secondment role supported by the Kaikōura Plains Recovery Project.
- Monthly water testing undertaken for KDC is provided as **agenda item 5-1**.

- **CWMS Regional Committee**

The previous Regional Committee meeting was on Tuesday 13 March. The next Regional Committee workshops are scheduled for Tuesday 15 May and full meeting on Tuesday 12 June.

- Link to all Regional Committee meetings and agenda papers –
<https://ecan.govt.nz/data/document-library/?Search=regional+water+management+committee%2C+agenda&documentTypes=-1&pageSize=12&start=1&sortDir=desc>
- **Communications Update**
A communications update from Tania Butterfield will be provided at the meeting.
- **Land & Water Regional Plan – Omnibus Plan Change 2019**
A short review of the omnibus plan change memo provided at the May meeting is provided for the committee's review. The question to consider – *is there anything else the committee would suggest being added to the list of regional priorities*, attached as **agenda item 5.2**.
- **Canterbury Southern Black-backed Gull/Karoro Strategy**
A memo is provided to inform all Zone Committees and stakeholders of the development of a Southern Black-Backed Gull/Karoro strategy for Canterbury and inviting participation in this process as **agenda item 5-3**.
- **Confirmation of Powers of Zone Committee**
A letter is provided to inform all Zone Committees on their powers as **agenda item 5-4**.
- **Action Points from previous meetings** – an updated action list will be reviewed at the meeting.

RECOMMENDATIONS

- The Zone Committee are asked to receive these updates for their information, and with reference to the committee's 2018 work programme priorities and 5 Year Outcomes.

AGENDA ITEM NO: 5-1	SUBJECT: Committee Updates – KDC Water Testing
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 6 June 2018
REPORT BY: Murray Griffin, CWMS Facilitator – Kaikōura	

Kaikoura District Council – Works and Services Committee

meeting held on Wednesday 23 May 2018

THREE WATERS: pgs 6-7

Water Supply

Boil Water Notice Update

Boil water notices (BWN) are put in place when there is an elevated risk of contamination of the supply or routine testing results show that acceptable limits for contaminants have been exceeded. At the date of this report BWNs are in place for the Peketa, Ocean Ridge, Kaikoura Suburban and the East Coast (Clarence) Supply Schemes.

Ocean Ridge BWN was put in place on 27 December 2017 and Peketa BWN was put in place on 16 March 2018. East Coast BWN and Suburban BWN have been in place since the November 2016 earthquake. The details around each of these follows;

Suburban Kaikoura Water Supply - No change

East Coast Water Supply - No change

Ocean Ridge Water Supply - A temporary chlorination plant has been installed to increase protection against a contamination event. Design work is underway to make modifications to the reservoir and earthquake repairs to provide greater security. It is hoped these measures will enable the BWN to be lifted by the end of October 2018.

Peketa Water Supply - Work is planned for this month to install a temporary storage tank and chlorination dosing plant to provide increased protection against contamination. These items can be utilised in the permanent upgrade planned as part of the Three Year Plan. It is hoped these measures will enable the BWN to be lifted by the end of June 2018.

Water Safety Plans

The Water Safety Plan (WSP) for the Kaikoura Urban Water Supply scheme was approved by the Canterbury District Health Board on 14 May 2018. The plan makes recommendations regarding any works required to comply with drinking water standards. This not only includes operations & maintenance, monitoring and testing regimes but also treatment upgrade

recommendations. WSPs are required for each scheme. This work is underway with a target completion for all schemes by 31 March 2018 as follows:

- Oaro - approved Ocean Ridge - approved
- Kaikoura Urban – approved Fernleigh – submitted 26 March 18
- Kincaid – submitted 14 May 18
- Kaikoura Suburban – in progress Peketa – submitted 7 May 18
- East Coast Rural – in progress

Wastewater System

Scheme Performance – All schemes are performing well with no significant operational or capacity issues. The wastewater systems continue to operate with the support of temporary arrangements pending rebuild.

Stormwater Systems

General Council's managed stormwater systems are limited to the Kaikoura and Ocean Ridge schemes. The Kaikoura system has some planned upgrades for the Ludstone Road area in the new financial year. Some routine maintenance clearing/cleaning is planned for the Ocean Ridge scheme in the coming month.

Omnibus Plan Change 2019 Topics for Omnibus Plan Change

For your information, the list of significant region-wide topics that are proposed to be covered in the Omnibus Plan Change is attached to this memo.

Attachment 1: Proposed Regionally Significant Topics for Omnibus Plan Change 2019

Topics	Rationale
Braided Rivers	The protection of the natural character of braided rivers is one of Environment Canterbury's priorities, and in order to ensure braided rivers are protected we need to define the edge of the 'bed' of the river.
Tangata Whenua values	Some controlled and restricted discretionary rules constrain the ability of a decision maker to consider effects on tāngata whenua values because the rule does not list this effect as one of the matters that may be considered.
Indigenous freshwater species and habitats, and salmon spawning sites	There has been incremental loss of indigenous freshwater species and habitats, and this plan change seeks to amend rules to increase protection. Identification and protection of new salmon spawning sites is also proposed.
National Policy Statement for Freshwater Management	Region-wide provisions need to give effect (as far as practicable) to the recent amendments to the National Policy Statement for Freshwater Management, which requires Councils to establish freshwater management units and limits to achieve freshwater outcomes.
Horticultural operations	To avoid soil-borne diseases, horticultural growers typically rotate the type of crop grown on a land parcel. The rules in the LWRP regulate farming activities according to a nitrogen limit that is derived from a historic land use. The plan change will investigate options to better provide for rotational and lease-hold arrangements.
National Environmental Standards for Plantation Forestry	Review and (if necessary) amend LWRP provisions to ensure they are consistent with the new National Environmental Standards for Plantation Forestry.

AGENDA ITEM NO: 5-3	SUBJECT: Canterbury Southern Black-backed Gull/Karoro Strategy	
REPORT TO: Kaikōura Water Zone Committee		DATE OF MEETING: 6 June 2018
REPORT BY: Mike Bell, Wildlife Management International Limited, Frances Schmechel, and Donna Lill – Environment Canterbury,		

PURPOSE

To inform all Zone Committees and stakeholders of the development of a Southern Black-Backed Gull/Karoro strategy for Canterbury and inviting participation in this process.

BACKGROUND

Southern Black-backed Gull/Karoro (SBBG) numbers have increased significantly following the clearance of native vegetation and the shift to an agricultural economy in New Zealand. SBBG are one of the native species which have adapted well to land use changes. Pasture has provided gulls with more foraging area, and easier access to food. SBBG have also readily adapted to new human derived food sources - especially rubbish tips and offal.

In Canterbury, an estimated 30,000 pairs of SBBG are breeding (so over 60000 individuals), predominately on braided rivers (see attached map, with this data collected during an aerial survey on the region's major braided rivers in 2016). Based on historical accounts prior to land clearance and conversion to agriculture, SBBG will have only nested as single pairs and not formed the super large or abundant colonies we see today.

Research on braided rivers have highlighted that SBBG are a significant predator of braided river dependent birds, many of which only breed on these rivers and have declining populations (i.e. wrybill, black-fronted tern, and kaki/ black stilt). The gulls predate the eggs and chicks of most species found on braided rivers. We have direct evidence (through direct observation or video surveillance) of SBBG predating black-billed gull, black-fronted tern, banded dotterel, and wrybill nests (see figure 1).

DISCUSSION

Environment Canterbury has contracted Wildlife Management International Ltd (WMIL) to develop a Canterbury Southern Black-backed Gull Strategy. As part of developing this strategy stakeholder meetings will be held to provide you with some background context and, most importantly, to listen to your views.

This is the first stage of developing the Strategy and we have no clear views formed yet. We are very interested to learn about the stakeholders' relationship with Southern Black-

backed Gull/Karoro, with braided rivers generally and with the other (in many cases endangered) birds which depend on braided rivers.

ACTION

We look forward to your attendance at meetings to be held:

- Tūhaitara Coastal Park (1 Woodend Beach Rd, Woodend Beach) – Monday 2nd July, 10am-12pm
- Ashburton (Seniors Centre, 206 Cameron St) - Tuesday 3rd July, 1pm-3pm
- Waihao Marae (26 Maori Rd, Morven) – Wednesday 4th July, morning (time to be confirmed)

If you are interested in attending one of these meetings please contact Donna Lill, 027-460-2885, dwoodley@hotmail.com so that we can provide you with further information prior to the meeting.

If you are unable to attend one of these meetings and have information which you would like to provide to our team please call Donna to discuss.

We welcome you to forward this invitation on to other groups and individuals who may wish to input into the strategy.

RECOMMENDATIONS

To engage in the process to develop a Southern Black-Backed Gull/Karoro strategy for Canterbury.

Figure 1. Images of Southern Black-backed Gull/Karoro predating braided river bird nests.
A) SBBG carrying off black-billed gull chick, Wairau River Marlborough.

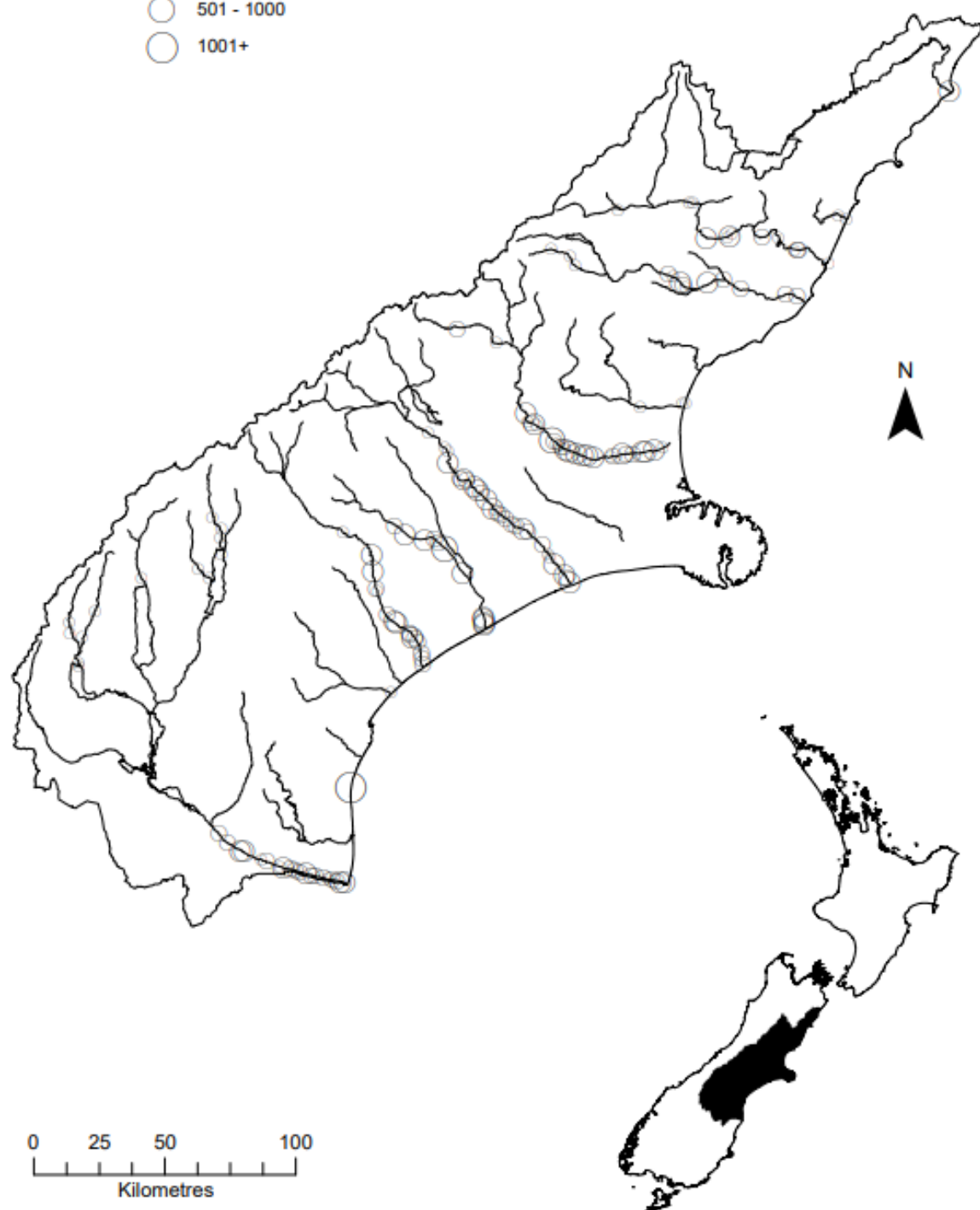


B) SBBG predating BFT nest, Clarence River, Canterbury.



Black-billed Gull Colonies
(No. birds)

- 5 - 50
- 51 - 100
- 101 - 500
- 501 - 1000
- 1001+



14 May 2018

Attention Catherine Schache
Canterbury Regional Council
PO Box 345
Christchurch 8140

CONFIRMATION OF POWERS OF ZONE COMMITTEES

1. Forest & Bird has recently lodged an Application for Declarations in the Environment Court calling into question the extent of the Canterbury Water Zone Committees' (**Zone Committees**) powers. Of particular concern to Forest & Bird is the question of whether Zone Committees can enter into agreements with third parties in relation to the review of conditions of resource consents issued by Environment Canterbury.
2. You have asked us to confirm what powers Zone Committees have in relation to such agreements.

Powers of the Zone Committees

3. The Zone Committees are joint committees between the Canterbury Regional Council and the relevant District Council/s within the zone. The Zone Committees are required to act in accordance with the relevant Joint Committee Agreement (between the Regional Council and the District Council/s), and the Terms of Reference for the Zone Committees.
4. The Terms of Reference for the Zone Committees determine the powers and responsibilities (if any) that are delegated to the Zone Committees by the relevant Councils. These Terms are largely identical across the Zone Committees. They contain a number of limitations to the Zone Committee's powers, and expressly provide that "*the Committee does not have the authority to commit any Council to any path or expenditure and its recommendations do not compromise the Councils' freedom to deliberate and make decisions*".¹
5. In respect of the powers of the Zone Committees:
 - a. A Zone Committee does not have the power to enter into an agreement with a third party that purports to bind Environment Canterbury. Accordingly, a Zone Committee should ensure that it does not enter into an agreement with a third party that purports to bind Environment Canterbury, including in respect of initiating a section 128 review of the conditions of a resource consent.

¹ We note that the Kaikoura Zone Committee has slightly amended Terms of Reference that instead state "*No Committee shall have the authority to commit any Council to any path or expenditure and shall operate in such a way as it does not compromise those Councils' freedom to deliberate and make such decisions as it deems appropriate.*" We consider this clause has the same effect as the limitation of powers clauses in the other Zone Committees' Terms of Reference.

- b. A Zone Committee can make recommendations to Environment Canterbury in respect of its decision making powers, including as to the review of resource consents in the relevant zone, in light of its objectives to oversee the implementation and delivery of their Zone Implementation Programme (**ZIP**). The recommendations could include whether or not the Zone Committee considers that it is appropriate to carry out any reviews, and the timing and staging of any such reviews. However, any such recommendations are not binding on Environment Canterbury.
- c. A Zone Committee could enter into an agreement (best framed as a memorandum of understanding) with a third party as to the basis on which the Zone Committee might make recommendations to Environment Canterbury. For example, in light of a third party carrying out particular actions/works in the catchment.
 - i. A memorandum of understanding may be appropriate given the Zone Committee's broad objectives to oversee the delivery and implementation of the ZIP, as the ZIP recommendations also encompass other environmental outcomes and non-regulatory actions.
 - ii. Any memorandum of understanding should make it explicit that the Zone Committee is simply making recommendations to Environment Canterbury, and that both parties (i.e., the Zone Committees and any third party) understand that such recommendations will not and do not bind Environment Canterbury.
 - iii. We consider that such a memorandum of understanding would not be unlawful, provided that it does not purport to bind the Council, as such an arrangement would not fetter a statutory discretion or power.
 - iv. The Council would need to consider any recommendations simply as recommendations, and will need to turn its own mind to the exercise of its review power (noting that the contents of the Zone Committees' recommendations may be a relevant factor when deciding whether or not to exercise that power).

Yours faithfully
Wynn Williams



Philip Maw / Kirstie Wyss
 Partner / Associate

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