



KAIKŌURA WATER ZONE MANAGEMENT COMMITTEE

on

FRIDAY 27 August 2021

VIA MICROSOFT TEAMS

AT 12:30PM

KAIKŌURA WATER ZONE COMMITTEE MEETING

Date: **Friday, 27 August 2021**

Time: **12.30 pm-4.00 pm**

Venue: **Council Chambers, 3rd Floor, KDC Offices, 96 West End, Kaikōura**

TIMETABLE & ORDER OF BUSINESS

	12pm	Lunch	
		Open – Karakia	
1	12.30pm	Order of business	Chair – T Howard
		<ul style="list-style-type: none"> • <i>Apologies & Introductions</i> • <i>Announced urgent business</i> • <i>Confirmation of the committee's Register of Interests</i> 	
2	12:40 pm	Opportunity for the public to speak	Chair – T Howard
3	12:50 pm	ECan Zone Delivery Quarterly Update	K Heays, et al (ECan)
		<i>Kevin Heays, ECan Zone Delivery, will lead an update on the Delivery Team's priorities and progress over the April to June 2021 quarter.</i>	
4	1:50 pm	Committee check-in	Chair – T Howard
		<i>An opportunity for committee members to connect with each other.</i>	
5	2:15 pm	Committee updates	J Grant (ECan)
		<i>Several updates will be received by the committee, including, update on review of nutrient management modelling tool, Plan Change 7, Freshwater Farm Plans and Kaikōura Works and Services meeting.</i>	
	2.30 pm	Afternoon Tea	
6	2:45 pm	Chair appointments for 2021-22	J Grant (ECan)
		<i>As the Zone Committee refresh is now complete, the zone committee are due to appoint the Chair and Deputy Chair for the committee.</i>	
7	3:00 pm	General Business	Chair – T Howard
		<i>Including:</i> <ul style="list-style-type: none"> • <i>Confirmation of previous meeting minutes – 25 June 2021</i> • <i>Work programme discussion – plan for completion</i> 	
8	3:15 pm	Te Reo practice	J Grant (ECan)
		<i>Te Reo pronunciation practice to build capability within the committee</i>	
	3:30 pm	Close – Karakia	

KAIKŌURA WATER ZONE COMMITTEE

	Karakia	
OPENING KARAKIA (one)	E Te Atua Tiakina te ora Manaakitia mai te ora nui Homai he kākano kia tipu ake ai Tiakina te ora 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 tēnei taonga mō 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 tō tātou 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

KAIKŌURA WATER ZONE COMMITTEE

Register of Interests – at 25 June 2021

Name	Committee Member Interests
Tony Blunt	<ul style="list-style-type: none"> - Owner/Operator – Steepdown Farm - KDC Councillor - Member – Rural Support Trust - Member – Federated Farmers North Canterbury - Member – Kaikōura Farm discussion group member - Member – Kaikōura Plains Recovery Project – Governance Group
Aroha Boyd	<ul style="list-style-type: none"> - Supervisor – Local Civil Defence Team - Trustee – Kaikōura Education Trust - Founder – Kaikōura Maori Wardens - Te Rūnanga o Kaikōura Representative - Member – Huttons’ Shearwater Charitable Trust - Member – Community Advisory Board, CDHB
Grant Edge	<ul style="list-style-type: none"> - Registered Fellow NZ Institute of Landscape Architects - Member QEII National Trust - Member NZ Forest & Bird - Member Heritage NZ - Member Urban Design Forum - Director/Shareholder – Edge Landscape Projects Ltd, Edge Plants Ltd, Edge Products Ltd - 1ha Property Easterbrook Road Fernside (Shallow Bore User – Permitted) - Septic Tank – CRC 157217 - Councillor ECan
Ted Howard	<ul style="list-style-type: none"> - Chair – Hutton’s Shearwater Charitable Trust - Member – Te Korowai o te tai o Marokura - Member – Kaikōura Marine Guardians - Member – BRaid - Committee Member – Forest & Bird Kaikōura - Managing Director – Solution Multipliers NZ Ltd - Member – Lifeboat Foundation - Life member – Kaikoura Boating Club - Committee Member – Kaikōura Golf Club - Committee Member – Fishing Industry Association - Member – Ornithological Society of NZ - Member – Foresight Institute - Member – Movement for Indefinite Life Extension - Committee Member – Kaikōura Lions Club - Committee Member – Kaikōura Tramping Club - Member – Kaikōura Cycle Club
Nicky McArthur	<ul style="list-style-type: none"> - Owner/MD – Puhi Peaks Station - Deputy Chair & Trustee – Hutton’s Shearwater Charitable Trust - Chair – Kaikoura Night Sky Project - Member – Seaward Lions of Kaikōura - Member – Forest & Bird - Member – Braid

	<ul style="list-style-type: none"> - Life Member – OSNZ - Member Federated Farmers North Canterbury - Member Kaikōura Farmers Discussion Group - Member – NZ Antarctic Society - Member – NZ Antarctic Heritage - Member – Life Member Heritage NZ - Member – International Dark Sky Association
Clint McConchie	<ul style="list-style-type: none"> - Te Rūnanga o Kaikōura Representative - Natural Resources Manager – Te Rūnanga o Kaikōura
John Murray	<ul style="list-style-type: none"> - Owner/Operator – Woodbank Angus Stud - Member ECCO - Member Federated Farmers Marlborough
Gina Solomon	<ul style="list-style-type: none"> - Member Kaikōura Marine Guardians - Member Nature Heritage Fund - Member NZ Institute of Directors - Member/Secretary Te Korowai o Te Tai o Marokura / Kaikōura Coastal Marine Guardians - Member The New Zealand Order of Merit - Life Member Titi / Huttons' Shearwater Charitable Trust
Teri Sonal	<ul style="list-style-type: none"> - Trustee – Hutton's Shearwater Charitable Trust - Founding Trustee – Tukete Charitable Trust
Rob Roche	<ul style="list-style-type: none"> - Board Member – Te Whare Pūtea - Councillor KDC

AGENDA ITEM NO: 3	SUBJECT: ECan Zone Delivery – Quarterly Update
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 27 August 2021
REPORT BY: Jaimee Grant, CWMS Facilitator – Kaikōura	

PURPOSE

To provide the Kaikōura Water Zone Committee with an update on the priorities and progress of the Environment Canterbury Zone Delivery Team in Kaikōura for the April to June 2021 quarter.

RECOMMENDATION

That the Kaikōura Water Zone Committee

- receive this Zone Delivery Team quarterly update for their information and consider it's alignment with the committee's draft 3 Year Action Plan 2021–2024.

BACKGROUND

The Kaikōura Zone Delivery Team, which has now been operating since April 2015, was the first of six Zone Delivery Teams to be established in Canterbury to support the region's 10 zone committees.

The Kaikōura Zone Delivery Team are:

- **Kevin Heays**, Kaikōura Zone Delivery Manager
- **Peter Bradshaw**, Land Management Advisor, Kaikōura
- **Heath Melville**, Land Management & Biodiversity Advisor, Kaikōura
- **Makarini Rupene**, Pou Mātai Kō/Cultural Land Management Advisor, Northern Zones
- **Robin Hubbard**, Resource Management Officer – Monitoring and Compliance, Kaikōura and Hurunui/Waiau

Kaikōura Water Zone Committee – 3 Year Action Plan 2021 – 2024

The 2020 CWMS Zone Committee review confirmed the next stage of priority setting for Zone Committees across Canterbury as they continue to drive the implementation of the Canterbury Water Management Strategy (CWMS). The zone committee are in the final stages of completing a 3 Year Action Plan (2021- 2024) which aligns with the Long-Term Planning cycle of both Environment Canterbury and the Kaikōura District Council.

Kaikōura Zone Delivery – Progress April-June 2021

This quarterly update will provide an overview of the Environment Canterbury work programmes and Zone Delivery priorities which align with and support the Kaikōura Water Zone Committee's Action Plan currently being finalised. The reports to be provided are indicative of the teams work stream over the past winter months and provide a glimpse into the next three months as probable foci. Rachel Bjornsson, Advisory Officer - Kaikōura will be presenting findings to date with her Middle Creek walk project and the data collected.

AGENDA ITEM NO: 4	SUBJECT: Committee Check-in	
REPORT TO: Kaikōura Water Zone Committee		DATE OF MEETING: 27 Aug 2021
REPORT BY: Jaimee Grant, CWMS Facilitator – Kaikōura		

1. PURPOSE

The purpose of the agenda item is to allow the committee to check-in with one another

NOTE: The following agenda item will not be minuted.

2. RECOMMENDATION

That the Kaikōura Water Zone Committee

- **Check-in.**

3. COMMITTEE CHECK-IN

A roundtable check-in with committee members.

AGENDA ITEM NO: 5	SUBJECT: Committee Updates
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 27 Aug 2021
REPORT BY: Jaimee Grant, CWMS Facilitator – Kaikōura	

1. PURPOSE

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

2. RECOMMENDATION

That the Kaikōura Water Zone Committee

- **receive** these updates for its information.

3. COMMITTEE UPDATES

The following updates will be addressed with the committee:

3.1 Review of nutrient management modelling tool Overseer released

The Ministry for the Environment and the Ministry for Primary Industries have released a review of the nutrient loss modelling tool Overseer, and the Government has responded to this.

Environment Canterbury Chief Executive Stefanie Rixecker said “Overseer is used extensively in Canterbury to model nutrient losses from land uses and in the regulatory framework.

It is important for our consenting, compliance monitoring and enforcement, and farm environment plan auditing processes,” she said. “Our Resource Management Act plans and consents use Overseer - together with farm environment plans and independent audit - maintain or improve water quality by minimising nitrate-nitrogen losses.

We now need to take the time to consider the review so we can be clear about how these processes may be impacted.

We welcome the Government’s commitment to continue to support Overseer while it looks into providing upgraded and/or next-generation tools over the next 12 months.”

For further information, go to:

[Review of nutrient management modelling tool released | Environment Canterbury \(ecan.govt.nz\)](https://www.ecan.govt.nz/review-of-nutrient-management-modelling-tool-released/)

3.2 Proposed Plan Change 7 – Land & Water Regional Plan

The independent hearing commissioners recently delivered their recommendations on proposed Plan Change 7 (PC7) to the Canterbury Land and Water Regional Plan and proposed Plan Change 2 (PC2) to the Waimakariri River Regional Plan.

Environment Canterbury wants to understand the Overseer review outcomes and the implications of these, before making a decision on whether to adopt the hearing commissioners’ recommendations on PC7 and PC2.

Council has applied to the Minister for the Environment for a three-month extension to the timeframe to make its decision on PC7 and PC2.

The hearing commissioners' recommendations will be made publicly available as part of the meeting agenda when Council considers whether to adopt the recommendations on PC7 and PC2. For more information, go to:

[Plan Change 7 and Plan Change 2 - What you need to know | Environment Canterbury \(ecan.govt.nz\)](https://ecan.govt.nz/plan-change-7-and-plan-change-2-what-you-need-to-know)

3.3 Freshwater Farm Plans

The Government is seeking feedback on its proposed Freshwater Farm Plan (FW-FP) module, part of the Government's push towards integrated farm planning.

Environment Canterbury is working through the information provided by the Government to understand the differences between Canterbury's Farm Environment Plans and the proposed new FW-FPs. For further information, go to:

[Government consults on Freshwater Farm Plan | Beehive \(beehive.govt.nz\)](https://beehive.govt.nz/government-consults-on-freshwater-farm-plan)

3.4 KDC Works and Services Committee Meeting – 28 July 2021

The previous KDC Works and Services committee meeting was held on 28 July 2021. Please find this report attached as **agenda item 5.1**.

Three pages from this report include the 3 Waters and related works update on pages noted as 10-11 of 14 of this report.

3.5 Action Points from the Previous Meeting – 25 June 2021

- G Solomon to send kōiwi discovery to H Melville
- J Grant to work with H Melville to organize an IMS winter visit (completed)
- J Grant will follow up on FEP information for the ZC
- B Apperley will send links to Taumata Arowai information on requirements

KAIKŌURA DISTRICT COUNCIL

WORKS AND SERVICES COMMITTEE MEETING

Date:	28 July 2021
Time	9.30am
Location	TŌTARA ROOM, COUNCIL CHAMBERS, 96 WEST END, KAIKŌURA.

AGENDA

1. Apologies
2. Declarations of Interest
3. Minutes to be Confirmed:
 - Works and Services 30 June 2021 page 2
4. Matters Arising and Actions page 4
5. Matters of Importance to be raised as Urgent Business -
6. Works and Services Monthly BAU Report page 5

**MINUTES OF THE WORKS AND SERVICES COMMITTEE MEETING HELD ON
WEDNESDAY 30 JUNE 2021, 9.02AM, AT TOTARA ROOM, COUNCIL CHAMBERS,
96 WEST END, KAIKOURA**

PRESENT: Councillor D Millton (Chair), Mayor C Mackle, Deputy Mayor J Howden,
Councillor L Bond, Councillor T Blunt, Councillor N Pablecheque,
Councillor R Roche, Cr V Gulleford

IN ATTENDANCE: W Doughty (Chief Executive), M Dickson (Senior Manager Corporate
Services), D Clibbery (Senior Manager Operations), S Murphy (Works
and Services Manager), B Makin (Executive Officer)

1. APOLOGIES

A late apology was received from Cr T Blunt.

Moved: Deputy Mayor J Howden

Seconded: Cr L Bond

CARRIED UNANIMOUSLY

2. DECLARATIONS OF INTEREST Nil

3. CONFIRMATION OF MINUTES

RESOLUTION

THAT the Committee:

Confirms as a true and correct record, the circulated minutes of a Committee meeting held on 26 May 2021.

Moved: Mayor C Mackle

Seconded: Deputy Mayor J Howden

CARRIED UNANIMOUSLY

Cr T Blunt joined the meeting at 9.03 am

4. MATTERS ARISING AND ACTIONS

The Matters Arising and Action list was reviewed by the Committee and accepted.

5. MATTERS OF IMPORTANCE TO BE RAISED AS URGENT BUSINESS Nil

6. WORKS AND SERVICES MONTHLY BUSINESS AS USUAL (BAU) REPORT

S Murphy advised that the new footpath on Deal Street is nearing completion and Scarborough Street is near completion with some concreting to be finalised. The LED lighting installation will be completed in July 2021.

The Three Waters Stimulus project work and actions from for the East Coast water scheme are progressing.

It was noted that Waka Kotahi (NZTA) had raised safety concerns about the shared pathway on Beach Road. The Finance, Audit & Risk Committee had questioned the additional cost to Council if the pathway requires re-preparing for sealing. S Murphy would look at including sealing the prepared section of the pathway as part of the footpath works. It was noted that any information or instructions from the Council staff to the OpShop are to go via Cr L Bond or the Secretary, and not the volunteers.

A report detailing costings to reinstate access at four ford crossings in the district will be provided to Council. These include Diary Farm Road Ford and Bridge, Neil Morton's Ford, John Morton's Ford and Kowhai Ford. Council staff have indicated costs in the region of \$20,000 for the public access sections to be reinstated when access is lost. They noted that the riverbeds are under the control of ECAN (and do not form part of the public access) who are carrying out work with regard to river protection and restricting activities in and around braided riverbeds.

The Three Waters Stimulus project is progressing well, and the figures are being tracked in the Capex Report provided to the Council. S Murphy has more detailed costs available and will include these in the next Works & Services report.

A CSR will be raised regarding the potholes on Scarborough Street. A safety concern was raised around the narrowness of Scarborough Street corners and the road not having a footpath. Senior Manager Operations believes there is a safety issue there.

The stock on the rural road and mess that residents have to drive through was raised. S Murphy advised that he is in the process of preparing a bylaw.

RESOLUTION

THAT Council receives this report.

Moved: Cr D Millton
Seconded: Cr V Gulleford

CARRIED UNANIMOUSLY

There being no further business, the meeting closed at 9.28 am.

CONFIRMED _____ Chairperson

_____ Date

**WORKS & SERVICES COMMITTEE
ACTIONS ITEMS AS AT 22 JULY 2021**

	ACTION ITEM	ASSIGNED TO	DUE	STATUS
1	Beach Rd footpath sealing	S Murphy	28 Jul 21	Pending a further safety review
2	Include progress metrics in roading section of report as at year end	S Murphy	August 2021	To be included in August report.

Completed Action Items

	ACTION ITEM	ASSIGNED TO	DUE	STATUS
	Comms to go out on the process of CSR's	M Dickson / K Finnerty	26 May 21	To go in next newsletter
	Trim bush on Ramsgate Street	S Murphy / M Russell	30 June 21	Resolved 25/06/21
	Raise CSR re potholes	S Murphy	28 Jul 21	Raised CSR for Roothing Engineer 06/07/21
	Detailed Three Waters Stimulus costs – include in next report	S Murphy	28 Jul 21	Included in report – see spreadsheet

Report to:	Works and Services Committee
Date:	28 July 2021
Subject:	Works and Services BAU Report
Prepared by:	Sam Murphy –Works and Services Manager Dave Clibbery - Senior Manager Operations
Input sought from:	Mark Millar - Roothing Engineer Bruce Apperley - Three Waters Engineer Mike Russell – Community Facilities and Regulatory TL Mark Mitchell – Building Control and Buildings Manager
Authorised by:	Will Doughty - CEO

1. PURPOSE AND ORIGIN

The purpose of this report is to provide the Committee with an overview and status update on business as usual (BAU) activities.

Works and services includes:

- Maintenance and operation of the local roading and footpath network and associated infrastructure (bridges, signs, street lights, road marking, barriers etc)
- Maintenance and operation of 3 waters networks and schemes
- Operation of waste collection, recycling and other minimisation and residual waste disposal
- Maintenance of reserves, parks and toilets
- Maintenance of community facilities
- Maintenance of airport and harbour infrastructure.

2. RECOMMENDATION

THAT the Council receives this report.

3. ROADING

3.1 Road Maintenance Contract

June began with some extreme weather conditions which affected many of the district's roads. While this resulted in some damage our maintenance contractor reinstated access on all roads within 2 days and has then continued the clean-up, some of which is ongoing.

The Puhi Puhi Road sustained major damage and Kekerengu Valley Road and Dairy Farm Road both needed additional work due to slips, river and stream damage. The wet weather has also increased pothole formation which will be resolved as soon as possible. Sump and culvert cleaning have been on-going. There was good use of subcontractors this month to help deal with the weather event tidy-up around the various unsealed roading network.

Expenditure for June was \$112,614.76 which includes the maintenance, operations and renewals contract cost and work undertaken for Low Cost Low Risk projects.

The Waka Kotahi (NZTA) funded Kaikōura Access works have now been completed with various asphalt area surfaced and the tactile indicators in all locations except for adjacent to 2 West End where the retaining wall and asphalt footpath still requires completing. Our roading Engineer is working with NZTA to ensure these works are completed.

The Low Cost/Low Risk (LC/LR) kerb and footpath project adjacent to the i-Site has now been completed which will further improve connectivity for pedestrians.

Following conversation with NZTA's Senior Road Safety Engineer, the shared pathway along Beach Road has been temporarily halted pending a further safety review. The funding from NZTA had been

approved as part of the 2018-21 LC/LR safety improvements programme. This has now been carried over into the 2021/22 work programme.

Works and services for June Roding include:

- Routine maintenance – potholes, edge break, signage replacements, detritus pickup, rubbish pickup
- Vegetation control – Another round of mowing was started
- Weather event tidy-up continues with inspections now completed and works programmed
- The KDC i-site footpath project was completed
- Storm patrol for sumps and culverts
- New footpath and roading for Aquatic Centre access completed
- New footpath on Deal Street almost completed
- Kaikōura Town Access works funded by NZTA further progressed at Ludstone Road intersection and various other locations
- Minor flood and slip works
- Various minor repair works throughout the network as raised via CSR



Washout on Puhi Puhi Rd – Culvert #70



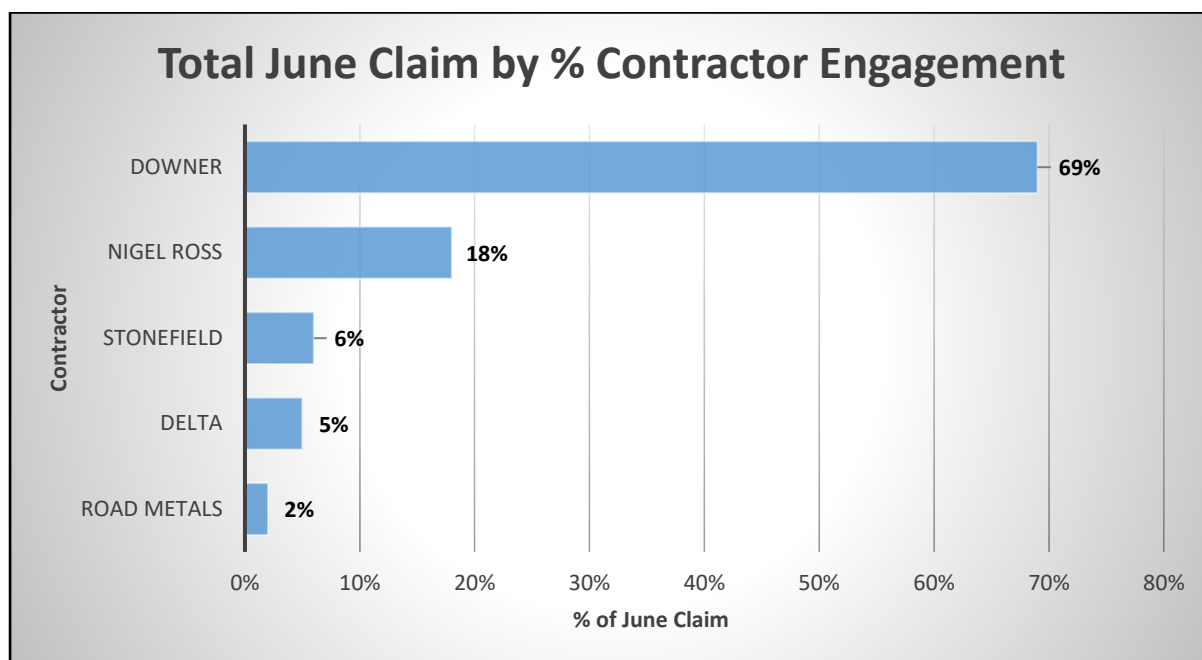
Damage to Puhi Puhi Rd resulting from recent heavy rainfall

Works and services for the coming month:

- Development of a new forward works programme
- Continued weather event tidy-up
- Winter maintenance has commenced with ice grit runs being undertaken on KDC portion of the Route 70 and elsewhere as needed
- Continue routine cleaning of sumps and street sweeping as per programme.
- Routine maintenance requirements – potholes, edge breaks, signage replacements, detritus pickup, rubbish pickup
- Vegetation control – mowing and spraying as required
- Unsealed road maintenance – grading to tidy up areas during wet conditions and minor metalling as required.
- Road marking and redundant road marking removal or black out as weather permits
- Continuing of LC/LR (low cost/low risk) projects at Beach Road if approved by NZTA
- Footpath repairs and implementation of progressive upgrades during winter months.
- Programme and completion of multiple small maintenance jobs and other projects in conjunction with the Roding Engineers instructions. Drainage improvements where required after weather event observations
- Footpath clearing in Seaview subdivision

Market Share for June was 69% Downer and 31% Others

Works during May have increased the Downer market share this month to 69%, leaving local subcontractors the remaining 31%



Health & Safety

There were no health and safety issues reported during June.

Footpaths

Work is almost completed on the new footpath on Deal Street. This will enable pedestrians to have a safe route to travel along rather than using the road carriageway.

The new footpath along Scarborough Street to the new Aquatic Centre has been completed. The road carriageway from the IWK entrance to the entrance of the Aquatic Centre has been prepared ready for sealing. Sealing will take place in approximately September when conditions are favourable.



Completed walkway connection to new Aquatic Centre



New footpath safety improvements outside I-Site on West End

Environmental

Stock effluent on local roads continues to be an issue. A draft livestock movement bylaw is completed and is undergoing a review. Once this is completed it will be put out for consultation and a report presented to the following Council meeting.

LED Lighting

The installation of LED lights continues as part of the streetlight upgrade project. MainPower have been waiting on the arrival of pole adaptors to enable the remaining lights to be installed.

CSR's

CSR's received for roading during June have been steady, however Downer have been very proactive in completing CSR requests promptly.

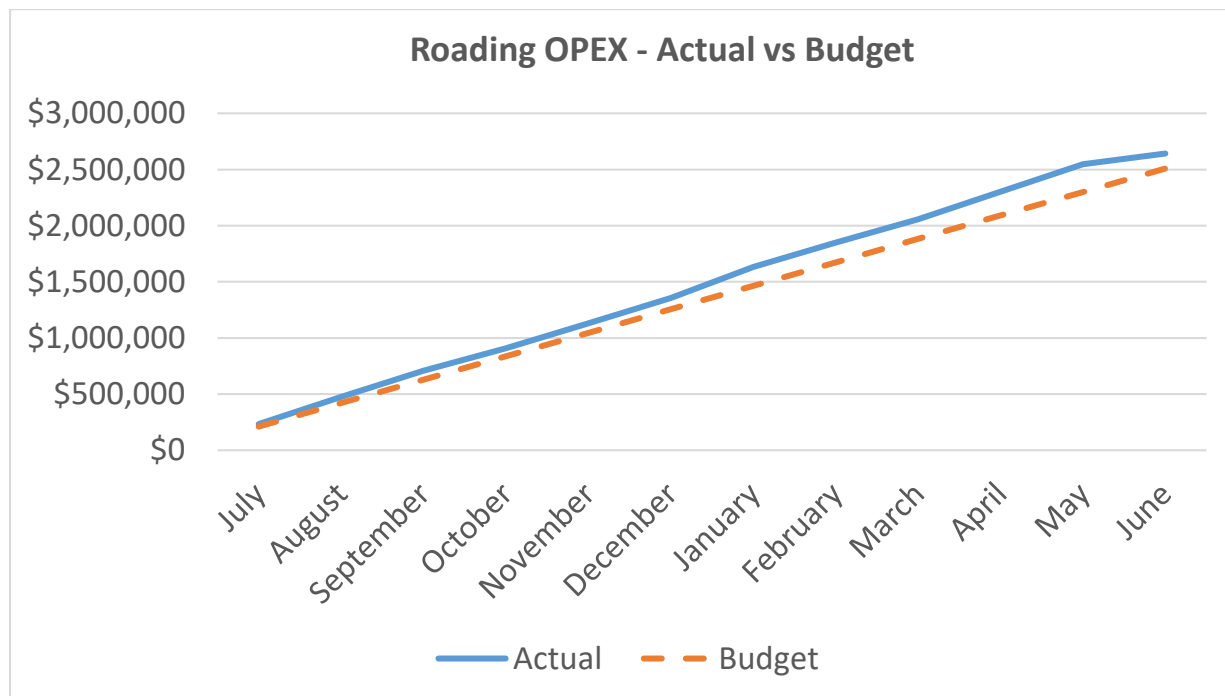
Broadband connections

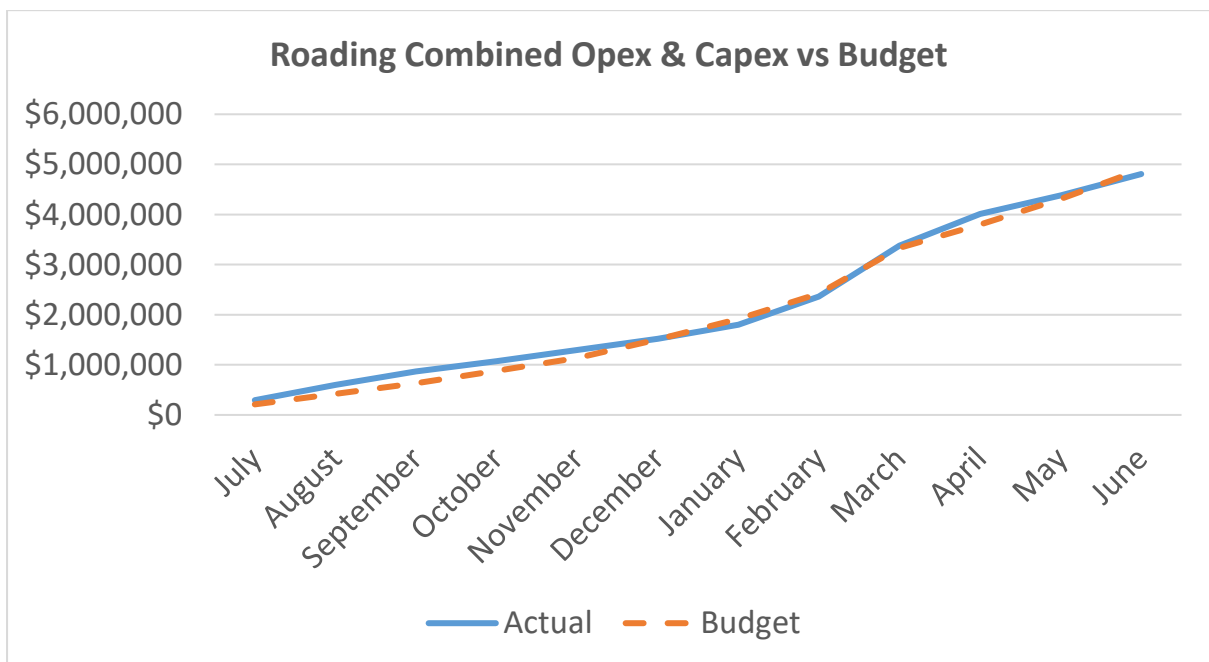
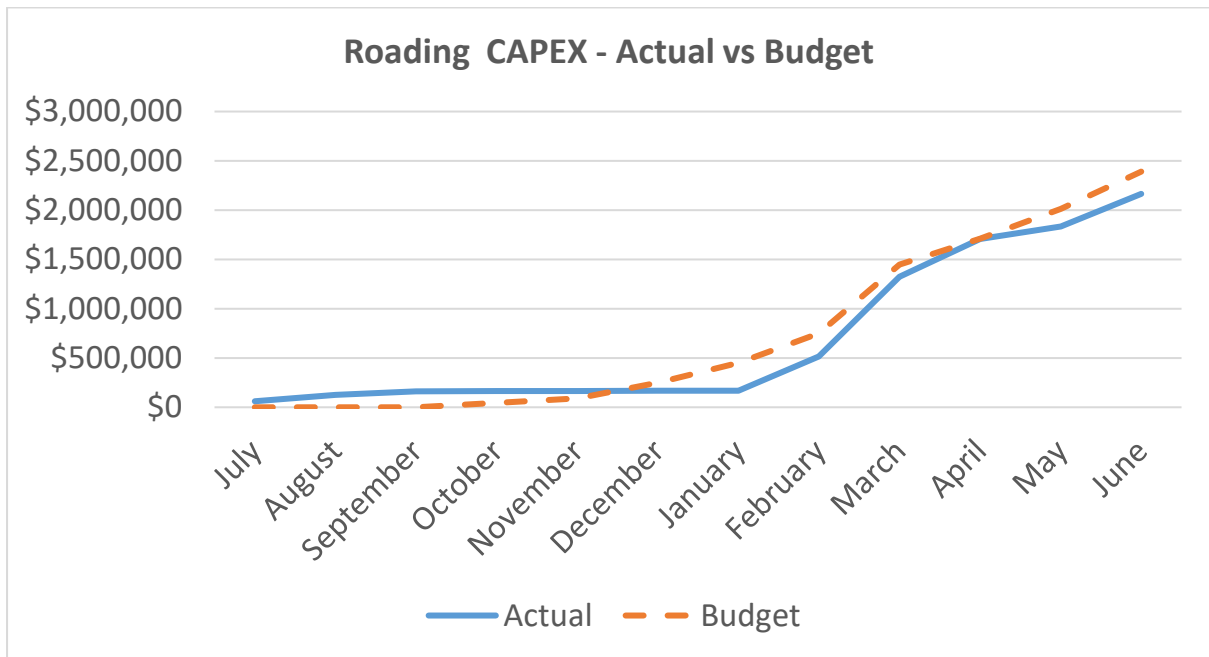
These works are ongoing by Chorus subcontractor UCG who are continuing to complete the property connections from the recently installed fibre network in Kaikōura.

Council's Roding Engineer is also following up with the fibre installation contractors to complete a final tidy up throughout the community so that sign off can be given.

Expenditure against Budget

Roding Opex, Capex and Total (Opex + Capex) trends for the financial year to end of June.





4. THREE WATERS

4.1 3 Waters Reform - Delivery Plan, Funding and Request for Information

Delivery Plan

The delivery plan is for a \$1.88M programme of projects to be completed by March 2022. The work is intended to provide post-Covid economic stimulus, which for Kaikōura also includes local employment to help in the transition post-NCTIR.

As previously advised, projects within the programme are being subjected to rolling reviews of scope, estimated cost and timing. The third progress report to Crown Infrastructure Projects (CIP), who act for the Department of Internal Affairs (DIA), has been provided. This describes the original programme, current status and predicted forward cashflow as at end June 2021. A version of that progress report is attached (Refer Attachment A). A list of change requests has also been drafted for DIA approval. The DIA change process primarily relates to changes from the original list of projects that was approved when the 3 waters stimulus Memorandum of Understanding was signed in August 2019. The process includes a requirement that changes to the list (addition or deletion of projects) have been approved by Council. CIP has also asked for a set of change requests to confirm changes within the list of projects. The summary table attached at the end of this report identifies the originally approved projects within the programme and changes to scope and cost.

Requests for Information

The Department of Internal Affairs has not yet made any further requests for information, but they have advised that more detailed requests should be expected at least in the 2021/22 and 2022/23 financial years, during the transition phase to the proposed new regional entities.

Water Services Bill and Taumata Arowai

The new drinking water regulator Taumata Arowai is still expected to take over from the Ministry of Health drinking water assessors after August 2021, after the Water Services Bill is enacted. The concept designs for the East Coast and Fernleigh schemes have been developed based on the current draft approved methods for rural drinking water supplies.

Taumata Arowai requirements are expected to come into force for smaller supplies such as Goose Bay and Rakautara about three years from now, and for even smaller supplies (down to two or more buildings on individual property supplies) about four years from now. Funding has not yet been provided for works, or for the monitoring that Council is expected to carry out.

4.2 WATER SUPPLIES

4.2.1 Water Quality

E.Coli were not detected in any treated water samples during the reporting period.

Boil water notices (BWN) will remain in place for the East Coast and Fernleigh schemes until additional treatment barriers are put in place and approved by the regulatory authority.

Information has been provided to the Ministry of Health for their annual drinking water compliance assessment. KDC supplies have achieved bacteriological compliance. Protozoal compliance depends on data being transmitted from sites to demonstrate that filtration and ultraviolet light disinfection processes were continuously operating correctly. Compliance, particularly for the Kincaid and Oaro schemes, has been affected by loss of data during the year resulting from radio communications issues and KDC server faults. Turbidity exceedances at Kincaid also resulted in periods of non-compliance. The 3 waters stimulus power and control systems documentation and development project is aimed at eliminating data losses. There is also a 3W stimulus water supply treatment upgrading project for Kincaid aimed at managing turbidity.

Water Quantity

Water demand for the urban scheme and Ocean Ridge has reduced further, from 2,750 cubic metres a day last month to 2,650 cubic metres a day. As noted last month, this is under the previous typical winter volume of 2,900 cubic metres a day and may reflect reduced leakage. Leak repair numbers have continued to be lower than this time last year. The East Coast scheme supply volume increased about 10% compared to an annual low last month.

5. WASTEWATER

Reticulation There were no recorded overflows.

Discharge quality. Treated wastewater discharge quality has been compliant.

Odour control. There was one report of odour. These are being addressed as they arise.

5.1 Stormwater Systems

There were no significant rain events since the June report to the committee.

IWK has been asked to price supply and installation of debris collection “socks” on outlets to Lyell Creek from West End.

6. PARKS AND RESERVES, BUILDINGS AND FACILITIES

Parks and Reserves:

Refurbishment and replacement of Rubbish / recycling bins is underway in several locations.

The current term of KDC’s contract for operation and maintenance of its parks and reserves has expired and consideration is being given to an appropriate way forward.

Planting and weed spraying is continuing on the bank between the Tar Yard and State Highway 1 with a number of small self-seeded plants being transplanted as well as potted into containers for use in other areas.

Winter Playground maintenance is on track and will be completed for the summer

Cemetery:

Two new Ashes plots are planned for the cemetery to be completed next month.

Pensioner Cottages:

Unit 5 has had the floor coverings replaced, paint touch-ups and ceiling access installed. Unit 15 has had just the kitchen floor coverings replaced and a general tidy up. Both units are now occupied. Installation of ceiling access in units 6,7, and 8 is continuing.

Rubbish bins are currently being refurbished. Gardens and hedges will receive maintenance this coming month.

Wharves and Jetties

An increase in the frequency of chlorination of the bottom of the ramp and water blasting has seen an improvement in the removal of algae build up at the bottom of the Ramp.

A maintenance plan is being worked on for South Bay Marina.

Airport

A new water pump and pump shed has been erected to service all tenants.

Work is close to completion on Part 157 at the Kaikōura Aerodrome with some new signage and clean-up of the area at the end of the grass runway. Work on Part 157 is required to be completed by 19th July.

Work is underway to complete the Kaikōura Aerodrome Operations Manual with a meeting with FENZ arranged, to gather their input into an Emergency Plan for the Airport.

Repair works on the hangar are complete, awaiting PS4 from engineer.

The light bulbs in the hangar have been replaced and the tenant advised that any future replacements will be a cost to him.

Civic Building

Minor required fire engineering modifications have been completed and are awaiting signoff, no other outstanding physical works for compliance are outstanding. Only remaining requirement is collation of documentation for the compliance schedule, which Mark Mitchell is addressing as his time permits.

Op Shop

Anti-slip sheeting is to be installed on access over decked area at the rear of the building in response to shop staff concern.

Scout Hall

Works are progressing well. Scaffolding erected to enable re-roof and claddings to be applied. The project is on time and within budget.

7. SOLID WASTE

New solid waste contract with IWK awaiting signature. Service changes to take effect from 1 October 2021.

Services otherwise operating well.

8. COMMUNITY OUTCOMES SUPPORTED

The outcomes below are being supported.



Community
We communicate, engage and inform our community



Development
We promote and support the development of our economy



Services
Our services and infrastructure are cost effective, efficient and fit-for-purpose



Environment
We value and protect our environment



Future
We work with our community and our partners to create a better place for future generations

Phase	Not proceeding	
	On hold	
	Concept design	Risk colour coding
	RMA consent	OK - expected complete by March 2022 cutoff date
	Other Consents (i.e. CARs, Iwi, Heritage)	Some risk of not being completed; contingency plan required
	Design	Will not meet cutoff date.
	Building consent	No colour = out of scope
	Procurement	
	Construction	
	Defects liability period	
	Other	
Totals	Overall funding	\$1,941,000
		\$1,880,000
		\$457,229
		\$570,275
		\$1,880,000
		-\$61,000
		\$1,309,725

Notes for June 2021 report to Crown Infrastructure Projects and DIA

DIA project number	Project name	Status for June report	Project phase	Delivery risk	Original 3W amount including contingency	Current amount brought to charge June 2021	Estimate of work done at June 2021	Cumulative estimate of work done at June 2021	Current estimate at completion (EAC)	Change from original 3W amount including contingency	Cumulative change from original 3W amount including contingency	Estimated remaining work = current EAC - estimate at June 2021
1	Overall programme management	Under way. Inhouse resources being utilised. Predicted 3W outturn cost set to zero. Balance redirected to contingency project (see project 30 Water supply pipe replacement Kaikoura township below)	Other		\$144,000	\$0	\$0	\$0	\$0	-\$144,000	-\$144,000	\$0
2	Power and control systems documentation and development	Essential for drinking water compliance and sewer overflow avoidance Two sections completed (server correction and base station standby genset auto start). Third section 75% complete ((radio comms corrections). Part invoiced. Briefs being finalised for balance of work. Integration and electrical contracting firms identified for quotes. Dates adjusted. Hold predicted cost as is for now. May need to increase	Procurement		\$120,000	\$3,100	\$20,000	\$20,000	\$120,000	\$0	-\$144,000	\$100,000
3	Reform funding (placeholder amount)	Under way. Predicted outturn cost reduced. Balance to be directed to contingency project	Other		\$90,000	\$8,600	\$8,600	\$28,600	\$10,000	-\$80,000	-\$224,000	\$1,400
4	Water supply treatment seismic upgrading Kaikoura township	Physical works under way. Initial invoice received. Balance to be completed after BAU/LTP (installation of UV) (This 3W project is one of an overall bundle of 3 at this site with 3 funding sources (earthquake rebuild, 3W and LTP BAU))	Construction		\$60,000	\$29,849	\$30,000	\$58,600	\$60,000	\$0	-\$224,000	\$30,000
5	Asset management improvement data capture	Timing depends on resource availability. Hold predicted cost as is. May need to release	On hold		\$28,800	\$0	\$0	\$58,600	\$28,800	\$0	-\$224,000	\$28,800
6	Water supply treatment upgrading Kincaid	BAU/LTP preparatory physical works complete. Additional filtration and control required to deal with turbidity after rain events	Design		\$78,000	\$0	\$2,500	\$61,100	\$78,000	\$0	-\$224,000	\$75,500
7	Wastewater network control inflow and infiltration	Analysis of prior data complete. Overall completion date tentative. Timing depends on getting another significant rainstorm to get and analyse site-specific data. Hold predicted cost as is	Concept design		\$36,000	\$0	\$0	\$61,100	\$36,000	\$0	-\$224,000	\$36,000
8	Wastewater pump station control upgrade	Complete. Technical review done inhouse. Benefit low. Balance to be directed to contingency project	Not proceeding		\$66,000	\$0	\$0	\$61,100	\$0	-\$66,000	-\$290,000	\$0
9	Water supply treatment upgrading Suburban	Work completed except for minor defects. Underspend predicted. Balance to be directed to contingency project	Defects liability period		\$300,000	\$196,167	\$210,000	\$271,100	\$215,000	-\$85,000	-\$375,000	\$5,000
10	Wastewater main pump stations spare pump	Complete. Pump purchased and delivered.	Defects liability period		\$24,000	\$18,475	\$18,475	\$289,575	\$18,475	-\$5,525	-\$380,525	\$0
11	Wastewater local pump stations spare pumps	Complete. Pumps purchased and delivered	Defects liability period		\$28,800	\$4,800	\$4,800	\$294,375	\$4,800	-\$24,000	-\$404,525	\$0
12	Water supply treatment standby generator Kaikoura township	Delivery complete. Site installation and control under way. Predicted outturn cost reduced. Balance to be directed to contingency project	Defects liability period		\$72,000	\$54,685	\$65,000	\$359,375	\$65,000	-\$7,000	-\$411,525	\$0
13	Wastewater treatment upgrading aerated lagoon	Complete. Technical review carried out in-house. Aerated lagoon not required at current loading. Release 3W funding to contingency project	Not proceeding		\$24,000	\$0	\$0	\$359,375	\$0	-\$24,000	-\$435,525	\$0
14	Wastewater network mobile standby generators	Scope reduced to two mobiles. First machine delivered. Predicted outturn cost adjusted: includes Lifeguard multi outlet units. Balance to be directed to contingency project	Construction		\$168,000	\$37,700	\$75,400	\$434,775	\$90,000	-\$78,000	-\$513,525	\$14,600
15	Water supply treatment site fencing Kaikoura township	Complete and invoiced. Balance to contingency project	Defects liability period		\$12,000	\$3,500	\$3,500	\$438,275	\$3,494	-\$8,506	-\$522,031	-\$6
16	Water supply treatment upgrading East Coast	Agreement reached with scheme committee on scope split village/rural. Assessment of pipe condition carried out. Concept design complete. Technical equipment scoped with 2 suppliers and budget prices received. Supply contract to be let including air freight for offshore items. Design under way for site works.	Concept design		\$168,000	\$0	\$2,500	\$440,775	\$250,000	\$82,000	-\$440,031	\$247,500
17	Wastewater network odour control	Approximately 80% complete; some issues still becoming apparent. Pump station odour beds yet to refurbish.	Construction		\$60,000	\$29,138	\$35,000	\$475,775	\$60,000	\$0	-\$440,031	\$25,000
18	Water supply flow metering Kaikoura township	Complete. Awaiting final electrical invoice before defining balance	Defects liability period		\$24,000	\$22,861	\$31,000	\$506,775	\$24,000	\$0	-\$440,031	-\$7,000

19	Water supply treatment upgrading Fernleigh	Concept design done. High iron content in raw water will require an iron removal stage (greensand filter). Resource consent will be required for filter discharge. Technical equipment scoped with 2 suppliers and budget prices received. Technical equipment supply contract to be let including air freight for offshore items. Design under way for site works. Landowner agreement required. Budget increased	Procurement		\$120,000	\$0	\$0	\$506,775	\$275,000	\$155,000	-\$285,031	\$275,000
20	Wastewater treatment pond desludging	Consents in place. Anaerobic pond desludge completed. Site cleared for main (oxidation) pond desludge. Additional infiltration beds constructed to cope with sludge carryover during desludge of oxidation pond. Tender docs in preparation. Timing reset for October start. Physical works scope will be negotiated to match budget	Procurement		\$240,000	\$604	\$2,500	\$509,275	\$240,000	\$0	-\$285,031	\$237,500
21	Water supply improved flows Kincaid	Partially complete (larger control valves installed). Quote accepted from contractor for balance of work; committed but not yet commenced	Construction		\$30,000	\$14,000	\$14,000	\$523,275	\$25,000	-\$5,000	-\$290,031	\$11,000
22	Water supply flow metering East Coast	Not proceeding. Technical review done in house. Some metering in place. Benefit of more would be low. Zero budget confirmed	Not proceeding		\$0	\$0	\$0	\$523,275	\$0	\$0	-\$290,031	\$0
23	Asset management plans improvement	Not proceeding. Carried out inhouse. Zero 3W budget confirmed	Not proceeding		\$0	\$0	\$0	\$523,275	\$0	\$0	-\$290,031	\$0
24	Wastewater treatment screen replacement	Work 80% complete. New screen internals installed. Old screen internals being refurbished as spares.	Construction		\$40,000	\$33,750	\$40,000	\$563,275	\$45,000	\$5,000	-\$285,031	\$5,000
25	Wastewater network management	On hold. This was aimed at trade waste control but could form a second contingency project - replacement of short life ww pipes and manholes. Hold at zero budget for now. See project 30 below	On hold		\$0	\$0	\$0	\$563,275	\$0	\$0	-\$285,031	\$0
26	Asset management improvement condition surveys	On hold. Timing depends on resource availability. Add estimate to scope	On hold		\$0	\$0	\$0	\$563,275	\$72,000	\$72,000	-\$213,031	\$72,000
27	Water supply treatment generator connection Oaro	Not proceeding. Already carried out as part of a BAU project. Zero 3W budget confirmed	Not proceeding		\$0	\$0	\$0	\$563,275	\$0	\$0	-\$213,031	\$0
28	Asset management improvement location surveys	On hold. Timing depends on resource availability. Hold predicted cost as is.	On hold		\$7,400	\$0	\$0	\$563,275	\$12,000	4600	-\$208,431	\$12,000
29	Water supply treatment generator connection Peketa	In progress. Was included as a possible, subject to funds, in initial delivery plan. Budget added to scope.	Procurement		\$0	\$0	\$7,000	\$570,275	\$7,000	\$7,000	-\$201,431	\$0
30	Water supply pipe replacement Kaikoura township	This is the primary contingency project. \$ amount reduced to balance East Coast and other cost changes. Scope will be defined to match available funding. Wastewater pipes also being reviewed (see project 25 above) Reviews under way of AC pipe lives and other short life high criticality assets. Tender docs part drafted for October tendering	Concept design		\$0	\$0	\$0	\$570,275	\$140,431	\$140,431	-\$61,000	\$140,431
31	Water supply flow metering Kincaid	Not proceeding. Technical review done in house. Some metering in place. Benefit of more would be low. Zero budget confirmed	Not proceeding		\$0	\$0	\$0	\$570,275	\$0	\$0	-\$61,000	\$0

AGENDA ITEM NO: 6	SUBJECT: CWMS refresh and Chairperson appointments
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 27 Aug 2021
REPORT BY: Jaimee Grant, CWMS Facilitator – Kaikōura	

1. PURPOSE

The purpose of this report is to facilitate the appointment of the Chairperson and Deputy Chairperson of the CWMS Kaikōura Water Zone Committee (the Committee) .

It also acknowledges the reappointment of Ted Howard, John Murray and Robby Roche, and appointment of Desiree Bolton to the committee through this year's CWMS Zone Committee refresh.

2. RECOMMENDATION

That the Kaikōura Water Zone Committee:

- **receive** this information on the new and re-appointments to the CWMS Kaikōura Water Zone Committee; and
- **appoints** a Chairperson and Deputy Chairperson to the CWMS Kaikōura Water Zone Committee.

3. BACKGROUND

The CWMS Refresh Selection Panel recently made appointment recommendations for the CWMS Kaikōura Zone Committee (the "Committee") to Environment Canterbury and Kaikōura District Council. Now that the refresh process is completed and appointments made, the Committee must now appoint a Chairperson and Deputy Chairperson for the next year.

3.1 CWMS REFRESH APPOINTMENTS

On 9 June 2021, the CWMS Refresh Selection Panel made the following recommendations to reappoint:

- Ted Howard – a director of a software business and an RMA Commissioner. His dedication to conservation includes roles with Te Korowai, Kaikōura Marine Guardians, Hutton's Shearwater Charitable Trust, and Kaikōura Forest & Bird. He is the current Chair of the CWMS Kaikōura Zone Committee.
- John Murray – a third-generation Angus cattle breeder on his property in the Waiau Toa Clarence River catchment. He has been secretary and chair of the East Coast branch of Federated Farmers, chair of the NZ Angus Cattle Breeders Association, and on the CWMS Kaikōura Zone Committee since 2014.
- Rob Roche – previously the GM of Innovative Waste Kaikōura and the Wellbeing Advisor for North Canterbury Transport Infrastructure Recovery (NCTIR). He is in his first term as a KDC elected member and is the current Deputy Chair of the CWMS Kaikōura Zone Committee

The CWMS Refresh Selection Panel recommended the appointment of:

Desiree Bolton – a Kaikōura Plains based dairy farmer with a young family and a degree in Environmental Management. She has been on the Kaikōura Plains Recovery Project Governance Group for the last 3 years.

The recommended changes were approved by Environment Canterbury at their 8 July meeting and by Kaikōura District Council at their 28 July meeting. Consequently, the membership of the CWMS Kaikōura Zone Committee for 2021-22 is:

- | | |
|-----------------------------|---|
| • Kaikōura District Council | Cr Tony Blunt |
| • Environment Canterbury | Cr Grant Edge |
| • Te Rūnanga o Kaikōura | Aroha Boyd and Clint McConchie |
| • Community representatives | Ted Howard, Rob Roche, John Murray, Desiree Bolton, Gina Solomon, Teri Sonal and Nicky McArthur |

3.2 CWMS CHAIR APPOINTMENTS

The Committee is required to annually appoint a Chairperson in accordance with its Terms of Reference, which state that – “each year, the Committee shall appoint the Chair and Deputy Chair from the membership by a simple majority.” There is no limit on how long a person can be in either of these positions.

The Chairperson plays a central role in the effective functioning of a committee. They need to be able to guide committee meetings to ensure clear and fruitful outcomes.

The Chairperson should also provide leadership by developing a culture of good governance and should ensure that there is constant communication between the CWMS Zone Committee, officials, and the community wellbeing (help is also available from your industry body and rural support trusts etc).

Current appointments

In February 2020 the committee confirmed Ted Howard as Chairperson and Rob Roche as Deputy Chairperson.

Both confirmed they were happy to continue in these roles in 2021 up until the scheduled CWMS Zone Committee refresh was completed and at which point, the Committee will again make appointments.

Appointing a Chairperson and Deputy Chairperson

With the conclusion of the refresh, the Zone Committee is now able to appoint the Chairperson and Deputy Chairperson.

Ted Howard, current Chairperson, is happy to continue in the role should the Committee agree and if there are no other nominees for the position. Nominations for the Deputy Chair role will be taken at the meeting.

Should there be more than one nominee for any of these positions the appointment process shall be undertaken by a simple ballot vote.

MINUTES OF THE KAIKŌURA WATER ZONE COMMITTEE MEETING HELD AT 12.30PM ON FRIDAY 25 JUNE 2021 AT THE KAIKŌURA DISTRICT COUNCIL, COUNCIL CHAMBER

PRESENT: Ted Howard (Chair), Rob Roche (Deputy Chair), John Murray, Nicky McArthur, Gina Solomon.

IN ATTENDANCE: Murray Griffin (ECan Facilitation Team Leader), Jaimee Grant (ECan Zone Facilitator), Kim Whitwell (ECan Communications), Heath Melville (ECan Land Management Advisor), Desiree Bolton (Dairy Farmer), Bruce Apperley (Engineer, KDC).

1. Order of Business

APOLOGIES: Clint McConchie, Aroha Boyd, Tony Blunt, Kevin Heays, Teri Sonal, ECan Cr Grant Edge.

Moved N McArthur Seconded R Roche

THAT the CWMS Kaikōura Zone Committee
Accept all apologies.

CARRIED

Meeting opened 12:45 pm.

KARAKIA led by G Solomon

Register of Interests

No changes.

Urgent Business

No urgent business.

2. Opportunity for the public to speak.

No public in attendance.

3. Biodiversity Immediate Steps - Update

H Melville provided the Zone Committee (ZC) with a summary update on Immediate Steps Biodiversity (IMS) funding and projects for Financial Year End 2020-21.

Immediate Steps Funding

Total for Kaikōura Zone 2020-2021 : \$100,000

The following summary clarifies the proposed allocation of funding:

- o \$5,581 Mount Fyffe Wetland
- o \$9,025 Kōmanawa o te Waikōau
- o \$21,100 (previously \$15,520) Poipoi Kotare Riparian Restoration
- o \$16,732 (previously \$10,000) Waiau Toa Hapua Protection
- o \$11,550 Lynton Downs Restoration Stage 2
- o \$28,400 Clarence Waiau Toa Weed Control
- o \$7,612 Tirohanga Wetland Restoration

\$0 remaining in 2020/21

Tirohanga Wetland Restoration

The managers are very keen on this restoration project and have suggested a planting day. This is a good opportunity for the ZC to get involved. Harakeke seed was collected a few years ago which will go well in there. The area is progressing well and is reverting back into native vegetation. The owner noted it is not worth putting stock in there. The owner is not keen on the drilling and poisoning of willows, but H Melville will suggest treating a couple to test the outcome. There is currently good screening from the road for them. The owner's contribution is going towards fencing materials and planting. Heath has not had any discussion with the Papatipu Rūnanga about this area. G Solomon has some information that she can share with Heath of a *kōiwi* (bones) discovery when the road was widened (not earthquake related).

Action: G Solomon to send kōiwi discovery information to H Melville.

Poipoi Kotare Riparian Restoration

H Melville provided an update following additional monetary contribution the ZC recently endorsed. \$5K of IMS funding is going towards the drilling and poisoning of the large willows by the road. The project area adjoins the closed school owned by Papatipu Rūnanga who are very keen to get involved. The project details and management of the area were discussed. It was noted there is an opportunity for the ZC to include this project as part of a winter site visit. G Solomon requested a future visit as a significant contribution has been made to this project. It is also an opportunity for landowners to see how passionate the ZC is about the environment and the good work the community is doing.



For any visits, the ZC must be very clear around objectives of any visits e.g., a learning opportunity. Potential sites for visits were discussed.

Action: J Grant to work with H Melville to organize an IMS winter visit.

It was noted Farm Environment Plans (FEPs) are a requirement. There was interest from the ZC to learn more about FEPs and their value.

Action: J Grant will follow up on FEP information for the ZC.

Mt Fyffe Wetland

There is some final planting to be done next week then it will be complete.

Greenburn Wetland (N Graham)

The fence is almost finished. The fence line expenditure was less than anticipated due to his son being an arborist and doing a lot of the willows work himself. It was noted the funding arrangement for this project is not ideal funding as there are ongoing administration requirements for Environment Canterbury for the maintenance of the plants.

Poipoi kotahi (Mill Rd)

This project is complete.

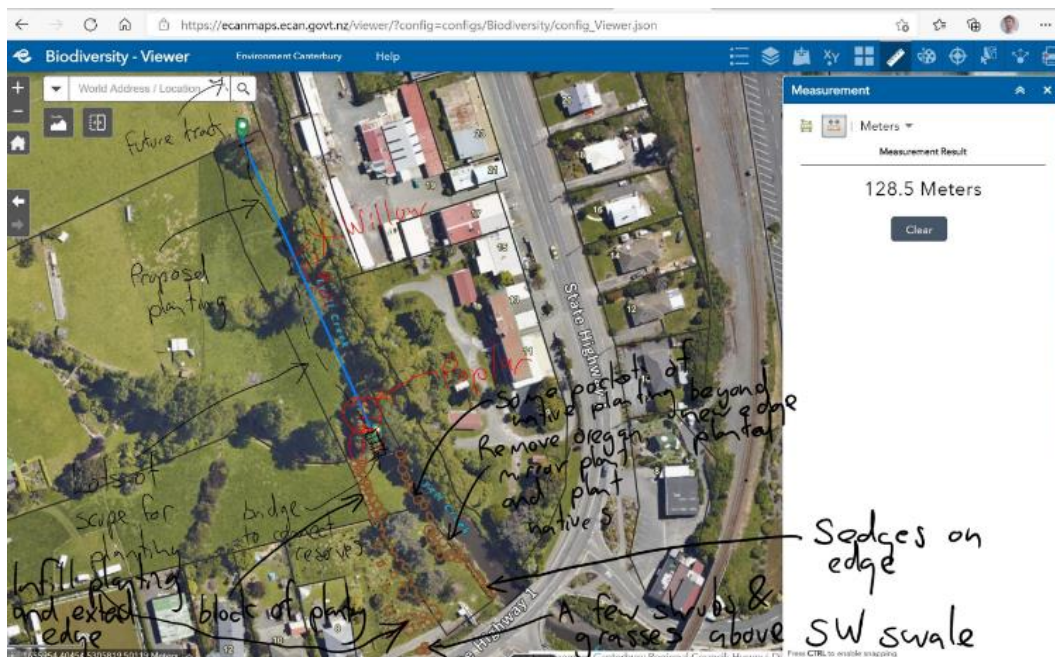
Other projects:

For the Braided River bird surveys - Hapuku, Kowhai, Kahutara, Charwell, lower Waiau Toa/Clarence, there are two allocations that are yet to be spent. H Melville will make sure this happens this year. Waiau Toa Hapua Protection is progressing.

Lower Waikōau

There is some funding left over from Bill Bayfield's time at Environment Canterbury (\$20k) which will go towards further funding of work along the Lower Waikōau and an extension of the reserve with the vision of it being the start of the cycle way. To make this happen, it would need a bridge which would require a full reserve extension.

Kaikōura District Council (KDC) has the reserve for the bike trail to go along behind the businesses. The fence needs to be moved and will be done soon to secure the land should it be put up for sale. It is 128 m of extra reserve. For the bike trail to go forward, a pedestrian bridge is needed which would require a high level of reporting, river engineering, and a structural engineer to design the bridge. There is an opportunity for this site to be used for community engagement and for consideration of future funding.



H Melville thanked the ZC and acknowledged it was the end of Immediate Steps but not the end of this conversation.

Black billed gull predator control

Control works will be undertaken soon using SA2 traps which target feral cats and ferrets. Leg-hold trapping is being considered which is the most successful way of getting feral cat numbers down. The allocated funds will not cover all the costs. It is worth noting that leg-hold trapping does catch the odd Kahu so a conversation with the Rūnanga on the topic is needed. Control works need to be site specific and with all the tools at our disposal. There are currently no funds available, but it is what H Melville would love to see. If this could cross pollinate with 'Jobs for Nature' and wider takiwā predator control, there would be a lot of merit in that.

G Solomon noted, on the subject of Rūnanga, that the value of partnership is a two-way conversation and opportunities are being missed due to the lack of two-way open kōrero. G Solomon would like to remind organisations like Environment Canterbury that they have a requirement under the Treaty of Waitangi to not only consult with just Rūnanga, but to also with whānau and hapū in Kaikōura. It is her view that Government agencies continue to put this in the "too hard basket". There are lost opportunities to engage with whānau and hapū and ensure their voices are heard. Her *taki* (challenge) to Environment Canterbury is to start talking to hapū and whānau as they are waiting for that conversation to begin, and it is a Treaty requirement.

D. Bolton and H Melville left at 2.15 pm.

4. Committee Check In

Round table update from committee members provided.

5. Committee Updates (J Grant ECan)

CWMS Zone Committee Refresh Schedule 2021 update

All workshops have been held now; and the selection panel have made their recommendations. For the Kaikōura ZC, the recommendations are still in the process of being confirmed with both Environment Canterbury and KDC. M Griffin is currently completing the paperwork for those meetings. All appointments to ZC are expected to be confirmed with their respective Councils by the end of July 2021.

CWMS Regional Committee Review

The final meeting for the Regional Committee was held on 15 June 2021 prior to the Regional Committee refresh which T Howard attended. The purpose of hui was to acknowledge the Regional Committee and its members contributions and achievements. It was also an opportunity to update the committee members about the Regional Committee changes that were adopted by the Regional Council.

The key changes include:

- Reduction in membership although no reduction in Ngāi Tahu membership.
- Introduction of a Ngāi Tahu Co-chair. Environment Canterbury will be working with Ngāi Tahu on that process.
- Change in how the Chairperson is appointed. They will be appointed by a subgroup of Councillors. This position is to be advertised 28 June 2021 for two weeks.
- Letter of Shared Priorities (like what the ZCs see in their 'Action Plans') which replaces what used to be the objectives outlined in the Terms of Reference. By regularly refreshing the priorities the Regional Committee can focus on the current regional issues.

For clarity, the regional membership consists of up to six community members, one ECan Councillor (Councillor Lan Pham), three Papatipu Rūnanga (representing North, Mid and

South Canterbury) representatives, one representative for Te Rūnanga o Ngāi Tahu, one member to represent CDHB and South Canterbury DHB (this role previously had an observer status and was not part of the committee).

Proposed Plan Change 7 – Land & Water Regional Plan

Status remains the same as last month with hearings having been held and the panel currently deliberating on its recommendations. There is an aim to update the public in July.

Regional Council Long Term Plan (LTP) update

The Regional Council have adopted the LTP with 12.6% rates increase which was better than originally thought.

For more information, go to [Priorities and transformational change: Long-Term Plan 2021-31 adopted](http://www.ecan.govt.nz/get-involved/news-and-events/2021/priorities-and-transformational-change-long-term-plan-2021-31-adopted/) on ECan website (www.ecan.govt.nz/get-involved/news-and-events/2021/priorities-and-transformational-change-long-term-plan-2021-31-adopted/).

KDC Works and Services Committee Meeting – 26 May 2021

The previous KDC Works and Services committee meeting was held on 31 March 2021. Please find this report attached as **agenda item 5.1**.

Three pages from this report include the Three Waters and related works update on pages noted as 10-12 of 17 of this report.

Bruce Apperley, KDC Three Waters Engineer, will be presenting this afternoon to the ZC.

Action Points from the Previous Meeting – 28 May 2021

Update of Register of Interest complete.

Moved: J Murray **Seconded:** R Roche **CARRIED**

THAT the CWMS Kaikōura Zone Committee:
Receive these updates for its information.

Meeting closed at 2:30 pm to allow for workshop to commence.

Meeting re-opened 3:15 pm.

B Apperley confirmed nitrate levels are less than 10% of the Maximum Allowable Value (MAV) and explained the nature of the water flow from the alps to the sea. MAV for nitrate-nitrogen is 11.3 mg/L. The Kaikōura urban water supply is sitting around 0.92 mg/L. G Solomon noted there seems to be a general desire or want for lower nitrate levels of around 2 mg/L.

T Howard would like to see the previous test results of nitrate-nitrogen levels in order to look at the sequence of nitrate-nitrogen levels over time. B Apperley confirmed the levels have been quite consistent and will provide the test results for T Howard.

ACTION: B Apperley to send past test results to T Howard.

B Apperley provided an update on the Three Waters reform and shared current thinking around who will hold what responsibility going forward. Taumata Arowai is expected to come into effect in August 2021. KDC have provided submissions on the Water Services Bill. The Ministry of Health's (MOH) role has changed with the establishment of Taumata Arowai

who will take a primary responsibility for duty of care. It is a change as previously MOH have held that role.

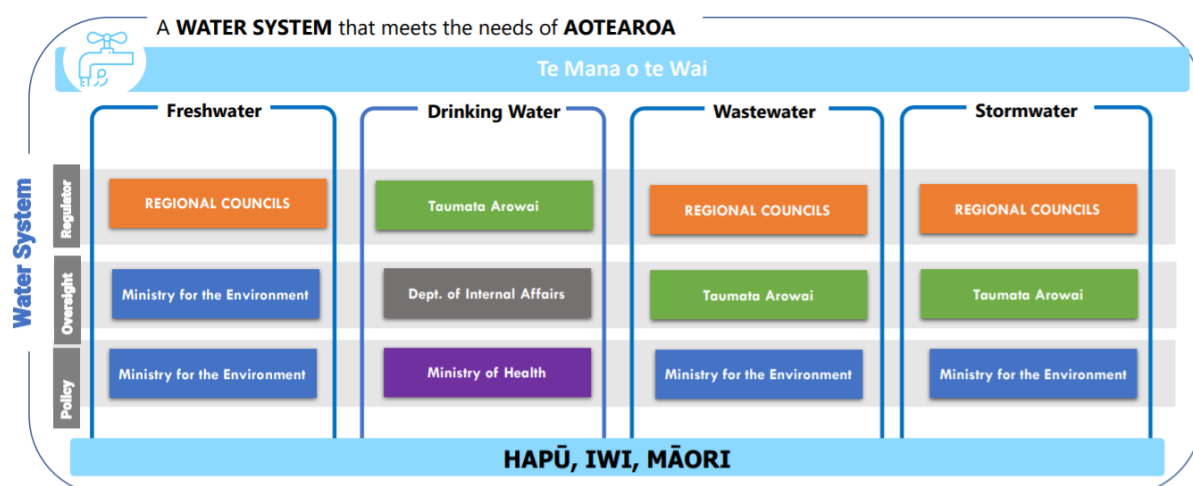
N McArthur requested clarification on the definition of a public supplier of drinking water. Under new regime if you are supplying two or more properties, you are considered a drinking water supplier and have requirements to meet. Drinking water suppliers likely include camping grounds, marae, and schools. A farmstead with three shearers' cottages will be classified as a supplier.

Local authorities will act as eyes and ears. The expectation is that Taumata Arowai will work with KDC who will follow up with property owners on any issues.

T Howard asked if there was any allowance in the framework for temporary factors impacting water e.g. groundwater level getting below a certain level, having to implement filters, chlorine etc. B Apperley noted that as a drinking water supplier, local authorities would need to know that filters are changed to ensure UV light is killing protozoa. Apart from small suppliers, there is an expectation there will be chlorine in the water.

It was clarified that whilst Council supplies always have a continuous flow of drinking water, for rural domestic suppliers where supply can change, the UV expectation will be flow sensitive. If flow is on, then UV is on.

ACTION: B Apperley will send links to Taumata Arowai information on requirements.



For wastewater and stormwater, regulatory function remains with Environment Canterbury. Taumata Arowai will have oversight and Ministry for the Environment will be responsible for policy setting. Te Mana o te Wai sits over the system and is firmly embedded in this regulation.

G Solomon requested clarification on what hapū, iwi, Māori mean on the Water System diagram given the changes that are coming and wanted to know how they are being considered. B Apperley stated Taumata Arowai have a specialist Māori advisory unit working at the national level.

T Howard asked about sea level rise and climate change as most wastewater structures in the country are close to seawater level and at risk from any sea level rise. B Apperley stated Kaikōura is well positioned partially due to the land rise from the earthquake and explained the nature of the wastewater treatment.

The Kaikōura Wastewater Treatment Plant is a pond-based treatment facility utilising just

sunlight and wind. The electrics have been turned off with just the “bugs” doing the work. The water is then discharged through fine sand and out to sea. G Solomon asked how it is being monitored. B Apperley noted the discharge is clear of the two creeks on either side. For water source planning, drinking water sources like those indicated in Slide 3 have been managed by Environment Canterbury up until now. Going forward, Taumata Arowai expects suppliers to have a lot more vigilance over what is happening in water source zones which is important for farmers. Consideration will need to be given to what is happening upstream, any activities that may impact on drinking water, and whether the protection of the zone is adequate or needs adjustment.

During extreme drought conditions, the first rain after the drought is the primary risk to water supplies. The ground acts like a filter however, towards the end of drought, bug levels tend to be elevated with bugs getting in to the water through ground cracks caused by the drought.

Estimates on spend for the Three Waters work programme are getting better with more information becoming accessible. There are several projects that have environmental benefits e.g., power and control systems in sewer pump systems that will allow early identification and mitigation of risks, and spare pumps and generators. Prior to the earthquake, there was a lot going on with the Kaikōura Wastewater Treatment lagoon. However, the impact on the lagoon has lessened with the diminished use and there has not been a need to turn the aerators on with its current usage level. Further work is being done on odour control.

Pipe replacements are being undertaken to minimise the chances of water leakage and spills. N McArthur noted a lot of work had been done pre-earthquake. Around 10% pipes replaced. B Apperley explained that the Kaikōura earthquake was long and strong compared to the sharp earthquake Christchurch experienced so there was not as much damage like that seen in Christchurch. Kaikōura is in good shape compared to the rest of country. R Roche noted that Kaikōura infrastructure is in good condition.

Cost per m³ are likely to change going forward.

B Apperley clarified the \$1.8 million for the Three Waters work is part of the Government allocation which is based on land and population. It was noted that \$168 K is for the supply east treatment and the filtration and UV light treatment that goes into bore.

J Murray noted ¾ of the supply that will be chlorinated is stockwater and felt the decision making had been rushed through.

B Apperley clarified the supply goes up the hill with some to farms and most going to stock. The balance goes around to the village where there will be a chlorine treatment plant so only the village receives chlorinated water. This is yet to be approved by Taumata Arowai. Clarification was sought around the Kekerengu homes and it was noted that individual suppliers would need their own UV system if they were not on the main source.

G Solomon noted the Zone Committee (ZC) used to work hard on good thinking around water quality in respect of the East Coast and Fernleigh areas. It would be useful for ZC to have an update on those two water schemes to provide some assurance on those schemes. It was noted that Fernleigh has had chlorination and UV light treatment.

G Solomon sought clarification on the Ocean Ridge demand and the capacity going forward given the development still to be undertaken. The Ocean Ridge infrastructure was designed for full development. The current supply only draws 200 m³ a day.

G Solomon would like B Apperley to pass on to staff how much the Kaikōura Water and Services meeting minutes and presentations are appreciated and well received. R Roche seconded this.

Odour control methods were discussed including the use of activated carbon which absorbs odour and adding one way valve to stacks on houses which lets air in and retains odour from the main sewerage line.

6. General Business

Moved: R Roche **Seconded:** J Murray **CARRIED**

THAT the CWMS Kaikōura Zone Committee:

Confirm that the minutes of the Kaikōura Water Zone Committee meeting held on 28 May 2021 are a true and accurate record.

G Solomon suggested the ZC send a card to all landowners 'Had an update we think what you are doing is fantastic, we appreciate the work being carried out'

N McArthur noted the five-year support on Plains Recovery and Drylands projects have been a long work stream delivering good outcomes which has been fantastic.

R Roche noted the reliance and the cost of the work undertaken on everyone including facilitators and whether there was some form of acknowledgement and support for staff. M Griffin noted the collegial nature of the team and the support provided to one another. There was also a need to be aware of staff capacities.

In the wider context, N McArthur would like to see the ZC host a field day and invite the farming community to keep the conversation going on what is on offer and what is out there.

Meeting closed 4:20 pm.

AGENDA ITEM NO: 8	SUBJECT: Te Reo Practice
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 27 Aug 2021
REPORT BY: Jaimee Grant, CWMS Facilitator – Kaikōura	

1. PURPOSE

The purpose of the agenda item is to allow the committee to practice their use of Te Reo Māori to encourage its use. NOTE: The following agenda item will not be minuted.

2. RECOMMENDATION

That the Kaikōura Water Zone Committee

- **Practice te reo Māori** to build capability and confidence in pronunciation of Māori kupu or word and build their vocabulary.

3. TE REO MĀORI PRACTICE

A pronunciation practice session to build capability within the zone committee.