



KAIKŌURA WATER ZONE MANAGEMENT COMMITTEE

On

FRIDAY 25 FEBRUARY 2022

ONLINE VIA MICROSOFT TEAMS

AT 12:50PM

KAIKŌURA WATER ZONE COMMITTEE MEETING

Date: Friday, 25 February 2022

Time: 12.50 pm-4:30 pm

Venue: Via Microsoft Teams

TIMETABLE & ORDER OF BUSINESS

Open – Karakia			
1	12:50 pm	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	12:55 pm	Opportunity for the public to speak	Chair – T Howard
3	1:05 pm	General Business	Chair – T Howard
		<i>Including confirmation of previous meeting minutes from 28 January 2022.</i>	
4	1:15 pm	Zone Delivery Quarterly Report	K Heays (ECan)
		<i>Kevin Heays, ECan Zone Delivery, will lead an update on the Delivery Team's priorities and progress over the three months (Nov 2021-Jan 2022).</i>	
	3:15 pm	AFTERNOON TEA	
5	3:30 pm	Action Plan Initiative – DOC Trap Library	J Grant (ECan)
		<i>The DOC Trap Library initiative will be presented to the Committee for their consideration to support using the Kaikōura Zone Committee Action Plan Budget.</i>	
6	3:50 pm	Coastal tree pruning	Chair – T Howard
		<i>An opportunity for the Committee to discuss the pruning of coastal trees issue raised at the last meeting and determine next steps.</i>	
7	4:05 pm	Kōwhai River shingle issue – update	Chair – T Howard
		<i>An update on the Kōwhai River shingle issue will be received by the committee.</i>	
8	4:15 pm	Committee Updates	J Grant (ECan)
		<i>Several updates will be received by the Committee, including updates on Action Plan Budget approvals. A review of actions from the last meeting will be undertaken with updates provided.</i>	
	4:30 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 28 January 2022

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 - Member - Nelson Marlborough Conservation Board
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

MINUTES OF THE KAIKŌURA WATER ZONE COMMITTEE MEETING HELD ON FRIDAY 28 JANUARY 2022 AT 12.45 PM, AT COUNCIL CHAMBERS, KAIKŌURA DISTRICT COUNCIL, KAIKŌURA

PRESENT: Ted Howard (Chair), Teri Sonal, Councillor Grant Edge (ECan), Councillor Tony Blunt (Kaikōura District Council), Robby Roche, Nicky McArthur, John Murray,

VIA TEAMS: Gina Solomon, Clint McConchie

IN ATTENDANCE: Jaimee Grant (ECan Zone Facilitator); Gayle McMillan & Becky Makin (Kaikōura District Council); Jemima Rodden (DOC); Heath Melville, Katherine Harbrow, Murray Griffin, Pete Bradshaw, Kim Whitwell & Emily Owen (ECan)

1. KARAKIA

2. APOLOGIES:

Apologies were received from Aroha Boyd and Desiree Boulton.

3. REGISTER OF INTEREST

The Register of Interests was reviewed by the Committee. There were no updates to be included from the Members.

4. GENERAL BUSINESS

Confirmation of Minutes

RESOLUTION

THAT the Kaikōura Water Zone Committee:

(a) Confirms as a true and correct record, the circulated minutes of the meeting of Kaikōura Water Zone Committee held on 26 November 2021 at Donegal House, Kaikōura. Alterations to the minutes that Gina Solomon, John Murray and Clint McConchie were apologies.

Moved: Tony Blunt
Seconded: Robby Roche

CARRIED UNANIMOUSLY

Matters Arising

It was noted that the Rivers Team would provide a report on the flood risk from the Kōwhai River and options for low-cost mitigation. The Rivers Rating Meeting will be held in Kaikōura on the 8 March 2022 and is an opportunity with representatives from Kaikōura Water Zone Committee to be present.

Clint McConchie joined the meeting at 2pm.

Councillor Grant Edge raised an issue about the power company pruning native shrubs along State Highway One South of Kaikōura. The Kaikōura Water Zone Committee agreed to follow up with the power company and respond back to the Committee with the findings. This was assigned to Jaimee Grant.

5. ZONE COMMITTEE ACTION PLAN INITIATIVE RECOMMENDATIONS

That the Kaikōura Water Zone Committee

- 1) **Receives information** on the following initiatives to be considered for support using the Kaikōura Zone Committee Action Plan Budget:
 - a) Waiau Toa Revegetation Initiative
 - b) Waiau Toa Monitoring and Data Collection
 - c) Hāpuku Catchment Collective
 - d) Mt Ross Wetland (IMS waitlisted project)
 - e) Waikōau Lower Lyell “Street and Beach Clean Up”
 - f) Puhi Peaks Shearwater Stream Trapline
 - g) DOC Trap Library
 - h) Tirohonga (IMS waitlisted project)
- 2) **And confirms for initiatives 1a-g:**
 - a) Waiau Toa Revegetation Initiative – the Committee **requests further information**
 - b) Waiau Toa Monitoring and Data Collection – the Committee **requests further information**
 - c) Hāpuku Catchment Collective - the Committee **supports the project**
 - d) Mt Ross Wetland (IMS waitlisted project) - the Committee **requests further information**
 - e) Waikōau Lower Lyell “Street and Beach Clean Up” – the Committee **supports the recommendation**
 - f) Puhi Peaks Shearwater Stream Trapline - the Committee **supports the recommendation***
 - g) DOC Trap Library – the Committee **supports in principle but requests further information**
 - h) Tirohonga – the Committee **supports in principle but requests further information**

Moved: Ted Howard

Seconded: Councillor Grant Edge

CARRIED UNANIMOUSLY

**Note, N McArthur’s exclusion from this decision – refer to resolution on following page.*

Several initiatives were presented to the Committee for their consideration to support using the Kaikōura Zone Committee Action Plan Budget Fund – refer attached presentation. Some initiatives were immediately deferred as further information was required before a resolution could be made.

DOC Library Trap Project

Jemima Rodden from Department of Conservation (DOC) provided an update on the DOC Trap Library project, the following was highlighted:

- There has been positive feedback on this to date however it is not being widely publicised as there are only limited traps
- Support was shown for this project with the Committee wanting to increase the number of traps available to enable the public to be involved
- It was suggested by a committee member that a course be provided on correct use of the traps with extra funding needed.

It was discussed whether funding this project fell into role of the Water Zone Committee, the following was noted:

- DOC funding is for public land only and not community/private property with DOC leading Predator Free NZ 2050
- Councillor Edge would discuss with ECAN Biosecurity Team in Amberley to see if there is funding within another budget

- ECAN are looking into buying cat traps
- Nicky McArthur noted DOC should be managing the recording of trapping nationally.

A formal proposal would be tabled to the next meeting for the Committee's consideration and pre-circulated next week. Gina and Jemima to liaise re: including community trapping project. A request was made that the Rūnanga projects be sent to the Committee. Clint agreed to organise.

Puhi Peaks/Shearwater/Stream Trapline – presented by Nicky McArthur

- There are two wild colonies remaining in the world which are subject to major threats, especially disease. In total there are 3,000 breeding pairs remaining at the Puhi Peaks site
- Pests have decimated the other six colonies, the last remaining two were being protected from pigs however, rats might be able to get higher due to climate change and impact the colony
- Puhi Peaks staff, time and resources are at capacity of managing their 300 traps
- QEII funding sought which will partially contribute to the trapline project but not enough to complete project with current inputs
- The funding request for \$15k would pay to set the traps up, including cost of labour and materials which would need to be helicoptered in. Their request for funding was turned down by Jobs For Nature as they are not coastal based.

The Zone Committee confirmed for Jaimee that that the objective, "coordinating and supporting on the ground action such as trapping and planting" was not intended to be limited to wetlands as suggested by its location the action plan under the protection and enhancement of wetlands subheading.

Waikōau Lower Lyell "Street and Beach Clean-up" – presented by Heath Melville

- Sport Tasman are organising the event including coordinating students to volunteer for clean ups. In general, volunteers are still showing interest.
- Heath would provide communications to the committee when ECan hold planting days / immersion days.
- Jaimee agreed to work with the Zone Manager to get a Waikōau/Lyell Creek action plan outlining the upcoming events for the Committee.

Nicky McArthur left the room. A conflict of interest prevented her participation in the decision making.

RESOLUTION

That the Kaikōura Water Zone Committee fund \$15,000 towards the Puhi Peaks Shearwater Stream Trapline Project

Moved: John Murray
Seconded: Robby Roche

CARRIED UNANIMOUSLY

Nicky McArthur re-entered the room.

A field trip/future meeting to be held at Puhi Peaks will be considered – Jaimee and Nicky to follow-up.

Hāpuku Catchment Collective – presented by Heath Melville

Heath spoke about the project and its aim to support community action to address issues and enhance freshwater in the Hāpuku Catchment using a catchment-based approach, refer to attached presentation.

6. COMMITTEE UPDATES

RESOLUTION

That the Kaikōura Water Zone Committee:

- *Receive these updates*

Moved: Robby Roche

Seconded: John Murray

CARRIED UNANIMOUSLY

The Kaikoura Works and Services Committee Meeting - 24 November 2021

The Committee raised the following queries:

- Environmental issues raised about there being stock effluent on the roads and what KDC's/ECan's solutions are to remedy this. Jaimee will note this to KDC Committee representative to present back at next meeting.
- Puro New Zealand Ltd – What is the amount of water being taken out of the Kekerengu river for the medicinal cannabis operation and the facts surrounding its operation. Jaimee will follow up.
- How does ECan make a decision for a consent. Jaimee will follow up with ECan.

A request was made by a Committee member that an update on the water quality and what is currently in the water is provided at the next quarterly update. It was agreed for Jaimee to follow up on these actions.

7. NEXT MEETING

The next meeting of the Committee will be on 25 February 2022

There being no further business, the meeting closed at 4.00 pm.

CONFIRMED _____ Chairperson

_____ Date

AGENDA ITEM NO: 4	SUBJECT: ECan Zone Delivery – Quarterly Update
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 25 February 2022
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 last three months (Nov 2021-Jan 2022).

RECOMMENDATION

That the Kaikōura Water Zone Committee:

- receive this Zone Delivery Team quarterly update for their information and in consideration with its alignment to their Action Plan.

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
- **Garry Husband**, Resource Management Officer, Kaikōura
- **Rachel Björnsson**, Advisory Officer – Business and Customer Services, Kaikōura

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

The Zone Committee have completed and are now implementing their 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 November 2021-January 2022

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. The reports to be provided are indicative of the teams work stream over the past months and provide a glimpse into the next three months as probable foci.

The presentation will include:

- An update on the Middle Creek stream survey and report provided by Rachel Björnsson and Peter Bradshaw
- An introduction to Jodie Hoggard's role as a Catchment Group Coordinator
- Updates on Waikōau/Lyell Creek and Waiau Toa/Clarence mahi provided by Heath Melville
- Introduction to Garry Husband, Resource Management Officer
- An update on Partnership processing from Makarini Rupene

AGENDA ITEM NO: 5	SUBJECT: Action Plan Initiative: DOC Trap Library	
REPORT TO: Kaikōura Water Zone Committee		DATE OF MEETING: 25 February 2022
REPORT BY: Jaimee Grant, CWMS Facilitator – Kaikōura		

1. PURPOSE

The purpose of the agenda item is for the Kaikōura Water Zone Committee to consider and decide whether to support an initiative using the Zone Committee's Action Plan Budget for the 2021-22 financial year.

2. RECOMMENDATION

That the Kaikōura Water Zone Committee:

- 1) **Receives information** on the DOC Trap Library initiative to be considered for support using the Kaikōura Zone Committee Action Plan Budget; and
- 2) Confirms the Kaikōura Water Zone Committee:
 - a) **Supports** the DOC Trap Library to be recommended for funding using the Kaikōura Zone Committee Action Plan Budget; or
 - b) **Requests further information** on the DOC Trap Library initiative before making a decision to support or not support a recommendation to fund using the Kaikōura Zone Committee Action Plan Budget; or
 - c) **Does not support** the DOC Trap Library initiative be recommended for funding using the Kaikōura Zone Committee Action Plan Budget.

3. BACKGROUND

As part of their Long-Term Plan 2021-2031, Environment Canterbury established the Zone Committee Action Plan Budget (formerly referred to as the Community Engagement Fund) and committed \$50,000 per zone for the 2021-22 financial year.

The confirmed purpose of the budget is to allow Zone Committees to focus on implementing their action plan and leverage other funding opportunities to achieve the CWMS priorities.

4. NOVEMBER WORKSHOP – INITIATIVE DISCUSSION

The Zone Committee considered several draft initiatives at their 28 November 2021 workshop and tentatively supported the following, subject to further details being provided:

- Waiau Toa Revegetation Initiative (\$6,000-\$10,000)
- Waiau Toa Monitoring and Data Collection (\$8,000)
- Hāpuku Catchment Collective (\$20,000)
- Mt Ross Wetland (IMS waitlisted project) (\$8,000)
- Waikōau/Lower Lyell "Street and Beach Clean up" (\$200)

The Puhi Peaks Trapline project was deferred to the next meeting due to time constraints.

5. JANUARY MEETING – CONSIDERATION OF INITIATIVES

At their 28 January 2022 meeting, the Zone Committee formerly considered the initiatives discussed at the workshop and two new initiatives were noted for their information. The scope of some initiatives changed as a result of further information received.

Following consideration, the Zone Committee made decisions to:

- 1) **Support** the following initiatives to be recommended for funding using the Kaikōura Zone Committee Action Plan Budget:
 - Hāpuku Catchment Collective (\$25,000)
 - Puhi Peak Shearwater Stream Trapline (\$15,000)
 - Waikōau/Lower Lyell “Street and Beach Clean-up” (\$200)
- 2) **Request further information** on the following initiatives before making a decision to support or not support a recommendation to fund using the Kaikōura Zone Committee Action Plan Budget:
 - Mt Ross Wetland (IMS waitlisted project) (\$8,000 EST)
 - Waiau Toa Revegetation Initiative (\$6,000-\$10,000)
 - Waiau Toa Monitoring and Data Collection (\$TBC)

Two new initiatives were noted to the Zone Committee for which further information was requested:

- Tirohanga project (IMS waitlisted project) (\$TBC)
- DOC Trap Library (\$TBC)

The Zone Committee may consider supporting the above projects for the 2022-23 Financial Year.

Based on the above recommendations, \$40,200 of the \$50,000 of the Zone Committee Action Plan Budget has now been allocated for the 2021-22 Financial Year.

6. DOC TRAP LIBRARY - INITIATIVE FOR THE COMMITTEE'S CONSIDERATION

The DOC Trap Library initiative will be presented by Jemima Rodden, Department of Conservation (DOC).

This initiative will establish a trap library for community use and will be managed by DOC. This resource will enable increased predator control within the community and support the Predator Free 2050 goal and biodiversity outcomes.

The initiative aligns to the following actions outlined in the Zone Committee Action Plan:

- Sharing information and resources with our community to enable good kaitiakitanga of our zone.
- Coordinating and supporting “on the ground” actions such as trapping and planting (through trapping funding).

Further details of the proposal will be provided to the Committee when available.

AGENDA ITEM NO: 6	SUBJECT: Coastal tree pruning
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 25 February 2022
REPORT BY: Jaimee Grant, CWMS Facilitator – Kaikōura	

1. PURPOSE

The purpose of the agenda item is to confirm what action will be taken in response to the Coastal tree pruning issue.

2. RECOMMENDATION

That the Kaikōura Water Zone Committee:

- **Confirms** the next steps to be taken to raise and address the Coastal Tree Pruning issue.

3. BACKGROUND

At the Zone Committee's January meeting, Councillor Edge noted several native trees had been hedged to keep the powerlines clear along State Highway One, south of Kaikōura. It was noted the management of these trees could be improved by appropriate pruning to support the health of the trees.

The Zone Committee agreed to follow up with the power company and respond back to the Committee with the findings. This was assigned to Jaimee Grant.

It has been determined that a formal resolution by the Zone Committee is required in order to put a request through to an organisation e.g. Environment Canterbury and/or Kaikōura District Council, to follow up with the power company. Consequently, this issue is being put back to the Zone Committee to determine the next steps including whether it is appropriate for the issue to be raised directly by the Zone Committee and if not, who the Zone Committee should direct a request to.

Following a discussion with Chair T Howard, it was determined this issue should be considered within the context of the Canterbury Water Management Strategy (CWMS) to help determine the next steps.

4. TREE OWNERSHIP AND MAINTENANCE

MainPower New Zealand Limited (MainPower) are responsible for maintaining the lines within the Kaikōura area. Their website notes that tree maintenance is the responsibility of the owner (<https://mainpower.co.nz/network-safety/trees-and-power-lines>). The land containing the trees is held by Te Rūnanga o Ngāi Tahu.

In certain circumstances, the distributor (MainPower) may undertake tree maintenance in place of the owner as outlined in the Electricity (Hazards from Trees) Regulations 2003. Confirmation is being sought to determine who is undertaking tree maintenance.

5. CWMS RELEVANCE TO THE ISSUE

CWMS Targets and Goals

Further discussion is warranted on the issue within the context of the Canterbury Water Management Strategy.

CWMS areas of relevance could be:

- Ecosystem Health/Biodiversity, and/or
- Recreation and Amenity Opportunities.

However, there are no obvious Targets and Goals that directly relate to this issue. A copy of the CWMS Targets and Goals can be found on the CWMS Targets and Goals page on the Environment Canterbury website:

(<https://www.ecan.govt.nz/your-region/your-environment/water/measuring-cwms-progress/>)

Zone Implementation Plan (ZIP)

There is a particular focus on the transport corridor with an emphasis on taking a collaborative and co-ordinated approach to managing key issues that impact water management including freedom camping, weeds and pests, and the impact of the transport corridor. The priorities outlined in the ZIP are more specific to water and activities that impact on the water e.g. fish passage, waste from freedom camping. Priority 5.4 recommends the improvement of environmental values of rivers, streams, hāpua and wetlands crossed by or adjacent to the railway, State Highway, and local road network as part of maintenance and development projects. It notes management of weeds along highway and railway corridors as a part of that recommendation.

6. DISCUSSION

The following questions are for the Zone Committee's consideration:

- *How is this issue relevant to the CWMS, the Kaikōura ZIP and the Zone Committees Action Plan?*
- *Who has responsibilities in this area of work or relevant relationships with MainPower? E.g. Environment Canterbury, Kaikōura District Council, Te Rūnanga o Ngāi Tahu as landowner, Te Rūnanga o Kaikōura, etc.*
- *Based on the Zone Committee's discussion, who is best placed to raise the issue with MainPower?*

AGENDA ITEM NO: 7	SUBJECT: Kōwhai River shingle issue – update
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 25 February 2022
REPORT BY: Jaimee Grant, CWMS Facilitator	

1. PURPOSE

The purpose of the agenda item is for the Zone Committee to receive an update on actions undertaken and next steps to address the Kōwhai River shingle issue.

2. RECOMMENDATION

That the Kaikōura Water Zone Committee:

- **Receive** the information provided on the Kōwhai River shingle issue including actions to date and next steps.

3. BACKGROUND

As part of their Long-Term Plan deliberations, the Kaikōura District Council (KDC) received a submission highlighting the issue and subsequent risk posed by the shingle material sitting up the Kōwhai River. The KDC have requested the ownership / liability be addressed with Environment Canterbury and the Zone Committee.

The 2016 M7.8 Kaikōura earthquake generated thousands of landslides, created over 200 significant dams and damaged hillslopes across the Kaikōura zone. Consequently, significant landslide debris deposits still sit upstream of several rivers in the Kaikōura zone including the Kōwhai River.

This debris, when mobilised, will create new hazards including, but not limited to, further landslides and increased river channel instability. These hazards may persist for decades and therefore represent a prolonged risk that must be managed by the impacted communities and stakeholders. Extreme weather events with very significant rainfalls could trigger landslide debris volumes to mobilise and flow downstream causing inundation of the surrounding land. The Kōwhai River, in particular, presents a risk given the debris volume sitting upstream which could lead to inundation in an extreme weather event. Given the impacts of climate change, the likelihood of extreme weather events is increased.

At their 26 November 2021 meeting, the Zone Committee discussed the risk and potential mitigation options regarding the Kōwhai River shingle issue. The main issues are a build-up of shingle and weed which create banks to deflect the water and it was recommended that these are removed.

It was agreed that information was required from the ECan Rivers Team, specifically a report on the risks (and potential strategies) is needed for the Kōwhai River. A resolution was passed to request a report from ECan Rivers on the risks and potential strategies on the Kōwhai River, in the light of the increase in risk, and any funding implication in the annual plan.

At the Zone Committee's 28 January 2022 meeting, it was noted the Kaikōura River Rating meeting would be held 8 March 2022. The issue will be raised at that meeting with Zone Committee representation in attendance.

4. UPDATE ON NEXT STEPS

Chair T Howard, Councillor Edge and J Grant met with the Regional Lead – Rivers Engineering. A general discussion noted that the Kaikōura Scheme review is underway and discussions with mana whenua regarding the direction of the scheme have begun. A report is being drafted which will be shared with the district and the Zone Committee when available for the purpose of consultation.

It was noted maintenance works are undertaken including rock protection works and spraying. Some spraying works are undertaken on parts of the Kōwhai River's fairway as part of the regular maintenance works. For upcoming works, refer to River Protection and Drainage Schemes page on the Environment Canterbury website (<https://www.ecan.govt.nz/your-region/your-environment/river-and-drain-management/flood-protection/>). T Howard noted this will not be enough to significantly reduce the risk.

The issue will be discussed further at the Kaikōura River Rating meeting with T Howard in attendance. The discussion and outcomes of that meeting will inform the report on the Kōwhai River as required by the resolution.

AGENDA ITEM NO: 8	SUBJECT: Committee Updates
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 25 February 2022
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 Action Plan Budget - Initiative approvals

Environment Canterbury have approved the Zone Committee's recommendations to support the following initiatives using the Kaikōura Zone Committee Action Plan Budget:

- Hāpuku Catchment Collective (\$25,000)
- Puhi Peaks Shearwater Stream Trapline (\$15,000)
- Love the Lyell/Waikōau Street and Beach Clean-up Annual Event (\$200)

3.2 Kaikōura Works and Services Meeting

No meeting was held over the months of December and January.

3.3 Action Points from the Previous Meeting – 28 January 2022

#	Who	Action
1	Jaimee	Check with Rūnanga as to any COVID restrictions for hui.
2	Jaimee	Update apologies in Zone Committee's November minutes. <i>Completed</i>
3	Jaimee	Coordinate response from ECan and KDC to power company regarding concerns raised around management method of Ngaio trees. <i>Tabled for discussion at this meeting.</i>
4	Jemima (DOC)	Send through DOC Trap Library proposal and Jaimee to send out to Committee

5	Grant	Liaise with ECan Biosecurity portfolio team based in Amberley and see if there is scope to support DOC Trap Library - is there funding within another budget that can support or be in addition to ZC funding;
6	Jaimee	Work with Zone Manager and Zone Delivery lead and get the plan for Waikōau - what is to be delivered - two planting days, clean up days, who is leading, who is doing comms etc. <i>Included in the Zone Delivery Quarterly Update</i>
7	Clint	Get rūnanga project information for Zone Committee e.g. trapping programme (Waiau Toa to Oaro) <i>Clint following up with Rūnanga</i>
8	Jaimee	Query from Nicky - Was the retirement of grazing land near Ashburton for forestry, native forestry? <i>Information passed on to Nicky</i>
9	Grant/Jaimee	Follow up on resolution from 26 November hui regarding Kōwhai River <i>Update provided at hui.</i>
10	Jaimee?	Wetlands for assets, is there funding from that programme
11	Jaimee	Forward query to KDC - What are the initiatives to prevent stock effluent ending up on roads as it is noted in Kaikōura Works and Services agenda paper that it is still an ongoing issue. <i>Tony to provide update at Zone Committee Hui</i>
12	Jaimee	Water take at Kekerengu for Puro NZ Ltd - what are the facts around water take and how has this been mitigated? <i>Publicly available consent details to be sent out to Zone Committee.</i>
13	Jaimee	How does ECan come to their decision to grant a consent (water take). What is taken into consideration, process. <i>Following up with consents, science and planning and information to be sent out to Zone Committee.</i>
14	Jaimee	Email ZC to get ideas for what could be included in the agenda and put feelers out for days for a Combined Northern Zone Committees Day.