

**KAIKOURA WATER ZONE COMMITTEE MEETING HELD AT 12.30PM
ON WEDNESDAY 28 SEPTEMBER 2016 AT MEMORIAL HALL SUPPER
ROOM, ESPLANADE, KAIKOURA.**

AGENDA

- | | |
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| <i>1. Karakia</i> | <i>page 1</i> |
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| <i>3. Apologies</i> | |
| <i>4. Matters of Importance to be raised as Urgent Business</i> | |
| <i>5. Confirmation of Minutes 31/08/2016</i> | <i>page 4</i> |
| <i>6. Public Forum</i> | |
| • Opportunity for members of the public to present to the Committee | |
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| <i>9. Committee Work Programme Update</i> | <i>page 19</i> |
| <i>10. General Business & Future Meeting Priorities</i> | |

	Karakia	
OPENING KARAKIA (one)	E Te Atua Tiakina teora Manaakitia mai te oranui Homai he kakano kiatipu ake ai Tiakina teora E Te Atua Amene	O Lord Guard our wellbeing Bless us Give us a seed so that it may grow Guide and protect us O Lord Amen
OPENING KARAKIA (two)	E Te Atua Manaakitia mai mātou E kimi nei i tenei taonga mo te hāpori o Kaikōura Amene	O Lord Bless us Seeking this treasure For the community of Kaikōura Amen
CLOSING KARAKIA	Kia a tau kia tatou katoa, te atawhai o to tatou Ariki a Ihu Karaiti Me te aroha o te Atua Me te whiwhinga tahitanga ki te wairua tapu Ake ake ake Amene	Let it be with us all The grace of our Lord Jesus Christ The love of God The fellowship Of the Holy Spirit Forever more Amen

AGENDA ITEM NO: 2	SUBJECT MATTER: Kaikōura Plains Water Quality – Workshop
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 28 September 2016
REPORT BY: Murray Griffin, Facilitator, ECan	

PURPOSE

This workshop will focus on water quality on the Kaikōura plains towards a fuller understanding of the characteristics of this catchment and clarifying the priorities for water management on the plains over the next 3 to 5 years.

BACKGROUND

The Kaikōura plains were identified as a priority area in the Zone Implementation programme the Water Zone Committee prepared in 2012. The following excerpt provides a background to the committee's proposed approach:

"The Kaikōura flats, fans and streams are critical to the Zone's prosperity and well-being. The area, extending from the un-named creek north of Harnett Creek to Stony Creek in the south, is a major contributor to the rural economy with the most intensive land use in the zone, including about 25 dairy farms and the Kaikōura Dairy factory. The many lifestyle blocks on the flats and fans are an integral part of Kaikōura Township. Very importantly, the management of the streams on the fans and flats is the key to minimising the risk of flooding to the township. In the last major storm in the mid-nineties, the Kōwhai River broke its banks and flowed into Lyell/Waikōau Creek flooding the business and commercial district and houses in Kaikōura.

The area also has high biodiversity, cultural and recreation values. Key freshwater areas of high ecological value include the lowland streams, spring heads and wetlands. Mahinga kai resources in the area include eel, koura and water cress. Middle Creek and Lyell/Waikōau Creek also have good trout fisheries.

The Zone Committee believes an integrated approach needs to be taken to water management of the Kaikōura streams, fans and flats that delivers the following outcomes:

- *Maintain flood protection for Kaikōura and surrounding area;*
- *Improve the health of streams and wetlands;*
- *Sustain the prosperous farming on the fans and flats;*
- *Ensure the area is a great place to live;*
- *Maintain and/or improve cultural values, including mahinga kai resources;*
- *Maintain and/or improve recreational and amenity values;*
- *Increase wetlands where opportunities are available.*

The Zone Committee believes all of the people who live on the fans and flats, and the wider Kaikōura community, have a shared responsibility for the management of the area. The Zone Committee believes water management of the area should be driven by the people who live there. To do this they need to be given appropriate information, tools, technical information, facilitation support and financial support to give expression to their pride in their own place and the guardianship that is their responsibility."

[Kaikōura Zone Implementation Programme, pg. 19]

BY WHO

This workshop will include contributions from the following people:

- Libby Sutherland, Fonterra Sustainable Dairying, South Island Manager
- Kimberley Dynes, ECan Ecology Scientist
- Chloe Armour, ECan Land Management Advisor
- Ian Brown, ECan Principal Strategy Advisor - Land

RECOMMENDATION

That the Committee receive this workshop for their information, and in relation to the Committee's 5 Year Outcomes and community engagement for 2016-2018.

AGENDA ITEM NO: 7	SUBJECT: Committee Updates & Actions
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 28 September 2016
REPORT BY: Murray Griffin, Zone Facilitator	

PURPOSE

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

COMMITTEE UPDATES

The following updates will be addressed with the committee:

- **Working Group Updates**
 - **Love the Lyell/Waikōau** – The notes for the Working Group meeting held on Tuesday 30 August have been provided in the Committee papers as agenda item 7-1.
 - An overview of the **Community Planting Day** held on Wednesday 14 September will also be provided.
 - **Nutrient Management & Water Efficiency** – The notes for the Working Group meeting held on Wednesday 31 August have been provided in the Committee papers as agenda item 7-2.
 - **Regional Committee** – Matt Hoggard will provide an update on the next Regional Committee meeting scheduled for Tuesday 11 October.
 - **Clarence/Waiau Toa** – An update on the Draft Weed and Predator Management Plan and CWMS Special Edition newsletter on the Clarence / Waiau Toa will be provided.
- **Register of Interests** – We will look to confirm a current Register of Interests for the Committee to then be included as a standard item in the agenda papers of future water zone committee meetings.
- **Zone Delivery Team** – An update on the current Zone Team priorities will be provided at the meeting.
- **Action Points from previous meetings** – an updated list of action points will be provided at the meeting.

RECOMMENDATION

The Zone Committee are asked to receive these updates for their information, and with reference to the Committee's 5 Year Outcomes and 2016 work programme priorities.

AGENDA ITEM NO: 8	SUBJECT: Immediate Steps – Updates
REPORT TO: Kaikōura Water Zone Committee	DATE OF MEETING: 28 September 2016
REPORT BY: Jess Hill, Biodiversity Officer	

Purpose

To update the zone committee on the progress of approved Immediate Steps projects.

Recommendations

- That the zone committee receives this update and support funding the new Immediate Steps project, subject to rūnanga approval.
- That the zone committee approves the use of all remaining funds from the first Immediate Steps funding period (2010/11 – 2015/16), prior to further commitment of funds from the second Immediate Steps funding period (2016/17 – 2020/21).

Background

The purpose of the Immediate Steps (IS) funding programme is to protect and restore freshwater biodiversity in Canterbury.

After having received information relating to the freshwater values in the Kaikōura Zone, the zone committee decided not to limit the allocation of IS funds to a certain freshwater habitat type, or geographical area. In December 2011, the zone committee decided that they would like to see priority given to projects that fit with certain criteria. The criteria specified included projects which:

- have long term protection (i.e. QEII covenants)
- link in with or support existing projects
- have high visibility and are accessible to the public.

In addition to the above criteria, the zone committee has subsequently chosen three areas as priorities in their Zone Implementation Programme; the Clarence/Waiau Toa River, Lyell/Waikōau Creek and Lakes Rotorua and Rotoiti. The zone committee has agreed that Immediate Steps funding will also be used to help support projects within these priority areas.

Funding

2010/2011 – 2015/2016

The zone committee has \$100,000/year for five years. To date 21 projects have been funded by Immediate Steps. The total amount committed to projects to date is just over \$459,999 leaving approximately \$40,001 of IS funds yet to allocate given a \$500,000 (5 year) funding programme. It is recommended the committee allocate these remaining funds from the first round of funding prior to allocating funds from the second round of funding, as outlined below.

2016/2017 – 2020/2021

From July 2016 the zone committee has received another \$100,000/year for five years. In May 2016, the zone committee approved \$50,000/year for the next five years (as 1/3 of the total spend per annum within the catchment) to be allocated to the ongoing weed control programme in the Upper and Lower Clarence/Waiau Toa River. Leaving approximately \$250,000 Immediate Steps funds to allocate given a 5 year funding programme.

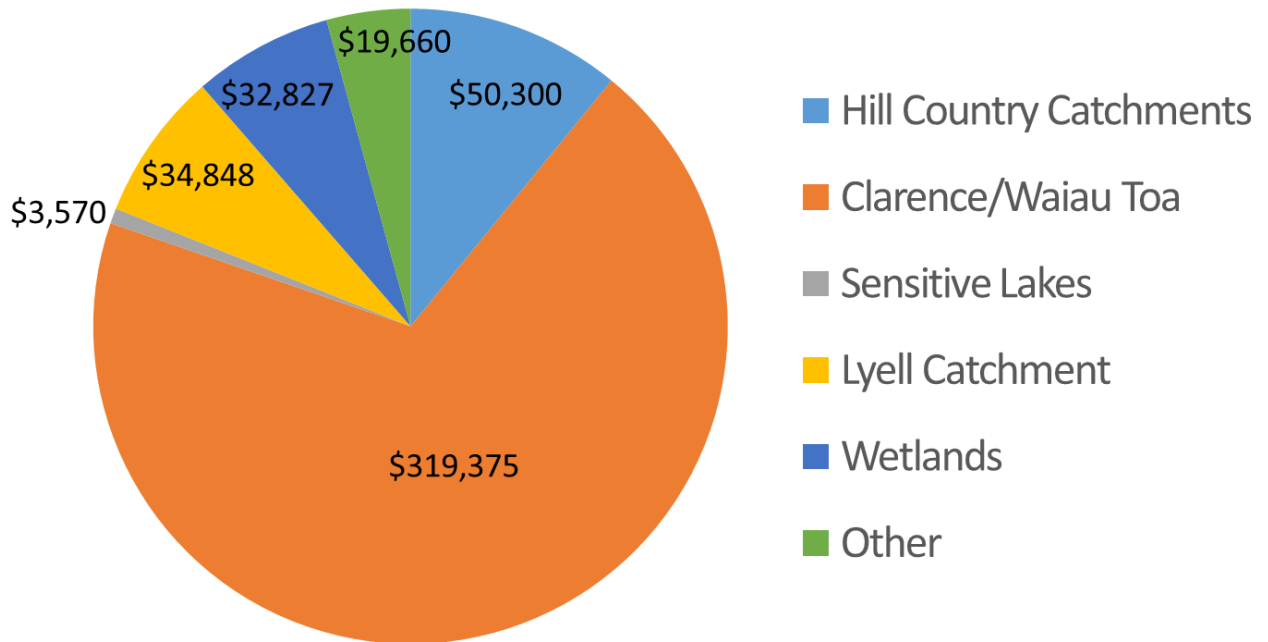
Funding Allocation to Date

Table 1: Overview of funding allocation and spend to date for Kaikōura Immediate Steps projects (2010/2011 – 2015/2016).

Project Name	Allocated	Spent*
Maori Spring Wetland	\$9,013	\$9,013
Te Kahika Stream	\$14,967	\$14,967
Hapuku Scarp Wetland	\$23,814	\$14,814
Lynton Downs School Stream	\$9,100	\$9,100
Waitōtaranui Creek	\$32,980	\$32,980
Okarahia Bush	\$14,000	\$14,000
Smith's Lyell Creek Planting	\$4,700	\$5,280
Lyell Waikoau Creek Planting, Mill Road	\$1,258	\$0
Lynton Downs Gully Restoration	\$8,220	\$4,100
Lower Clarence/Waiau Toa Weed Control	\$70,000	\$70,000
Upper Clarence/Waiau Toa Weed Control	\$18,000	\$18,000
Black-fronted Tern Predator Control –Upper Clarence	\$90,000	\$90,000
Lake Rotorua Riparian protection	\$3,570	\$0
Drovers Run Middle Creek Restoration	\$13,450	\$0
Upper and Lower Clarence/Waiau toa Weed Control	\$60,000	\$60,000
Swan Creek Restoration	\$2,740	\$1,547
Clarence/Waiau-toa Black Billed Gull Management Project	\$22,575	\$17,500
Smith's Lyell Creek Planting Stage 2	\$5,678	\$2,246
Lyell Creek – Fonterra Restoration	\$3,230	\$1,645
Waimangarara River Restoration Project	\$5,660	\$402
Swan Creek Restoration (Hawthorne Trust)	\$5,691	\$0
Clarence/Waiau-toa River Black-Billed Gull Management Project (3 yrs)	\$58,800	\$0
Lyell Creek MainPower Trust Restoration	\$10,970	\$0
Totals:	\$459,999	\$350,627
Total remaining to be allocated (5 yr programme)		\$40,001

*Spent means paid to recipients or contractors. On the ground works may yet to be undertaken (i.e QEII are paid up-front).

Kaikōura Immediate Steps Projects: Funding allocated summary by ecosystem type



Applications for Funding

The Zone Committee has received one new application for funding for approval at this meeting and one request for additional funding. The total funding requested is \$11,205 funds.

Project Name	Funds Requested from the Zone Committee	Funds Provided by Other Sources	Total Fund
Swan Creek Restoration (Wetland Area)	\$10,255	\$7,699	\$17,954

Project Aim: Increased biodiversity on the Kaikōura Plains.

Project Summary:

The project is a native riparian planting project, in a small spring-fed stream on the Kaikōura Plains. The project requests \$10,255 for the purchase of 700 native ecosourced plants, combi-guards, assistance with planting from a contractor and a proportion of the fencing costs. The landowner will prepare the site, assist with planting (a Fonterra-Environment Canterbury led planting day is planned for half the plants) and maintain the plants post-planting until they are self-sufficient. The total project cost is \$17,954. The riparian buffer width is approximately 3 – 8 meters either side of the stream and wetland. The project site includes a small wetland area which has large carex grasses and flaxes present. The project received a moderate ecological score of 21/39 (54%). The project is a great initiative from local landowners and is the third

restoration project on Swan Creek, with the other two projects immediately upstream. This project fits within the larger vision of Swan Creek, which is to see it fully restored. In time, with multiple landowners restoring their stream banks, the ecological value and connectivity of the current project will increase greatly.

Proposed activities:

1. Planting of 700 native ecosourced plants
2. Stock proof fencing – ~520m
3. Ongoing maintenance.

Outcomes sought: Native riparian planting to restore the riparian buffer along Swan Creek.

Ecological score: 21/39 (54%)



Request for Additional Funding

Project Name	Funds Requested from the Zone Committee	Funds Provided by Other Sources	Total Fund
Swan Creek Restoration (Additional Funding)	\$950	\$1,500	\$2,450

Project Summary:

The first Swan Creek restoration project was approved in October 2015, for \$2,740. The project was a small native riparian restoration project, along Swan Creek. The project has achieved stock proof fencing and the planting of 300 native ecosourced plants, to an extremely high standard (see before, after and current photo below).



Before



After



September 2016

This project has acted as a great incentive for an additional two Swan Creek projects (Hawthorne Trust and Boyd) occurring in the area (see Map below of all three project locations). The project ran under budget by \$790 due to slightly cheaper plants being obtained. This \$790 has been redirected to a second stage of the project, which extends the native planting further upstream. In total another 300 native ecosourced plants will be planted upstream, where stock proof fencing has already been established. The project requests an additional \$950 of Immediate Steps Funding to assist with the purchasing of native plants, combi-guards and some planting assistance.

Proposed activities:

1. Planting of 300 native ecosourced plants
2. Ongoing maintenance.

Outcomes sought: Native riparian planting to restore the riparian buffer along Swan Creek.

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0 0.25 0.5 0.75 1 Kilometres

Scale: 1:18,000 @A4

Map Created by Environment Canterbury on 7/10/2015 5:14:35 p.m.



Swan Creek Project extension

Swan Creek (Hawthorne)

Swan Creek Initial Project

Swan Creek (Boyd)

AGENDA ITEM NO: 9	SUBJECT MATTER: Committee Work Programme – Update	
REPORT TO: Kaikōura Water Zone Committee		DATE OF MEETING: 28 September 2016
REPORT BY: Murray Griffin, Facilitator, ECan		

PURPOSE

This briefing will provide the Kaikōura Water Zone Committee with an overview of its 2016/17 work programme for review and feedback.

FOCUS

This work programme focuses on:

- The Zone Committee’s agreed priorities for 2016/17,
- Informing and aligning with the Kaikōura Zone Delivery Team’s 5 Year Outcomes and Milestones,
- Supporting the Zone Committee’s Zone Implementation Programme and the delivery of the Canterbury Water Management Strategy.

BY WHO

- Murray Griffin, Kaikōura Water Zone Committee Facilitator

RECOMMENDATION

That the Committee receive this briefing for their information, and in relation to the Committee’s 5 Year Outcomes and community engagement for 2016.