

Lower Waitaki - South Coastal Canterbury Zone Committee

AGENDA

**A MEETING of the LOWER WAITAKI - SOUTH COASTAL CANTERBURY
ZONE COMMITTEE will be held as follows:**

Date: Wednesday 19 April 2017
Time: 1.00pm
Venue: Waimate Event Centre, Paul Street, Waimate

Committee Membership

Kate White (Chair)	Suzanne Eddington
Andrew Feierabend	Mark Giles (Deputy Chair)
Sandra Hampstead-Tipene	Andrew Hayes
Jeremy Holding	Mark Kingsbury
Miriam Morton	Bruce Murphy
Brent Packman	Elizabeth Rollinson
Ranui Ryan	Peter Scott

Lower Waitaki South Coastal Canterbury Zone Committee

Waimate Events Centre, Paul Street, Waimate

19 April 2017, 1.00 pm – 3.30 pm

AGENDA

Item	Time	Item	Page No
<i>Karakia and Welcome</i>			
1	1.00pm	Standing Items <ul style="list-style-type: none">• Apologies• Minutes – 15 March 2017• Matters Arising• Declarations of Interest• Correspondence• Regional Committee Update• Facilitator Update	3
2	1.20pm	Zone Implementation <ul style="list-style-type: none">• Zone Team update– Michael Hide• Plan Change 3 Implementation report – Keitha Lamming• Waihao Catchment Extension update – Emily Anderson	6 8
3	1.45pm	Waitaki Strategic <ul style="list-style-type: none">• Hakataramea Sustainability Collective – TBC• Infinity Decision – Zella Smith• Hakataramea Environmental Flow Regime – Jay Graybill	10
	2.30pm	Afternoon Tea	
6	2.50pm	South Coastal Canterbury Strategic <ul style="list-style-type: none">• Hunter Downs progress verbal update – Stacey Scott	11
7	3.10pm	General Business / General Public	

**Lower Waitaki – South Coastal Canterbury Zone Committee
Minutes of the Committee meeting held in the
Waimate Events Centre, Paul Street, Waimate
on Wednesday 15 March 2017, at 2.00pm**

Present	Kate White (Chair, Community rep), Suzanne Eddington (Waihao Runanga), Andrew Feierabend (Meridian Energy), Mark Giles (Deputy Chair, Community rep), Sandra Hampstead-Tipene (Arowhenua Runanga), Andrew Hayes (Community rep), Mark Kingsbury (Community rep), Cr Miriam Morton (Waimate District Council), Brent Packman (Community rep), Liz Rollinson (Community rep) and Cr Peter Scott (Environment Canterbury Representative)
Apologies	Cr Jeremy Holding (Waitaki District Council representative), Bruce Murphy (Community rep) and Ranui Ryan (Moeraki Runanga)
In Attendance	Nic Newman (Zone Facilitator – ECan) Elly Finnerty (Committee Secretary)

At the invitation of the Chair, Sandra Hampstead-Tipene shared a Karakia

1. Apologies

RESOLVED
LWSC17/05

M Morton/A Hayes
“That apologies for absence be received from Jeremy Holding, Bruce Murphy and Ranui Ryan.”
CARRIED

2. Confirmation of Minutes

RESOLVED
LWSC17/06

A Feierabend/M Kingsbury
“That the minutes of the Committee meeting dated 15 February 2017.”
CARRIED

3. Permanent Items

Matters Arising from the Minutes:
Nil

Correspondence

From Waimate District Council advising that they will be taking over the responsibility of administration for the Committee from 1 April.

RESOLVED
LWSC17/07

P Scott/L Rollinson
“That the correspondence be received.”
CARRIED

Regional Committee Update

No meeting held, update to the next meeting.

Declarations of Interest

Nil

Facilitator Update

Nic Newman noted that there will be a verbal update later in the meeting on NCheck.

The Annual Report for the Zone will be presented to the Waitaki District Council on 12 April and the Waimate District Council on 2 May.

4. Implementation Tracking and Overview

Nic Newman spoke to this item and updated the committee on the progress of the key work streams. The committee discussed:

- PC5 – the hearings were completed in 2016 and decisions are expected April/June 2017.
- Catchment group work by Emily Anderson.
- The announcement by government that 90% of rivers and lake swimmable by 2040, the Ministry for the Environment website has more information on this along with maps of the region showing the current quality for swimming. Are there any implications for current plan processes?
- HDI – decision on continuation with the scheme will be made once the uptake on shares is known in late April.
- Augmentation of Wainono Lagoon.

5. Plan Change 3: Communicating Key Messages

Julia Forsyth (ECan) spoke to the paper that had been circulated with the agenda outlining the key messages from the plan change and how these would be communicated to the community.

A communications strategy was discussed; this will be developed and rolled out over the next 12 months. Various channels of communication will be used eg; media releases, fact sheets, workshops and 1:1 messaging through on the ground staff.

There are two community meetings planned Hook Hall, 16 March and Otaio Hall 17 March. The purpose of these meetings is to communicate some key aspects of the proposed South Coastal Canterbury Streams Plan.

NCheck

Tami Woods ECan tabled a paper to provide the committee with background information on the use of NCheck in the Selwyn Te Waihora catchment and give a demonstration of NCheck – given following the meeting.

NCheck is one of the outcomes from the Matrix of Good Management (MGM) project. It has been developed as part of the MGM/Farm Portal Project. It is a web based application that sources property soil and climate information and retrieves a nitrogen loss rate that best matches a farm based on a number of representative farms modelled with OVERSEER®.

The current farming activity rules in the Canterbury Land and Water Regional Plan require many landowners to model nitrogen loss below the root zone using OVERSEER® or an equivalent model approved by Environment Canterbury's Chief Executive. NCheck could provide a quick way of ascertaining if a consent maybe needed; it is not a replacement for OVERSEER®.

NCheck can be accessed at www.canterburywater.farm – the website notes that its use has only been approved in the Selwyn Te Waihora catchment.

The committee discussed the usefulness of the product for this zone particularly for low risk farming activities. ECan would need to do further analysis to assess its use for the South Coastal Streams catchments and Plan Change 3.

RESOLVED
LWSC17/08

K White/L Rollinson

“The Lower Waitaki-South Coastal Canterbury Zone Committee supports Environment Canterbury continuing to review the NCheck product for use in this zone, specifically in relation to implementing the plan changes.”

CARRIED

6. Consenting in the Zone

Zella Smith, ECan updated the Committee on key projects relating to consent processing in the zone.

Consents overview:

- The period 31 March 2016 to 28 February 2017 – 81 new consents broken down as
 - 21 discharge permits
 - 21 land use consents
 - 38 water permits
 - 1 coastal permit

Key Consent Jobs:

- Infinity Investments water Permit
- Hunter Downs
- Waihao Downs
- Fonterra Co-operative Group Limited – Studholme
- Lower Waitaki Water permits – relating to Plan Change 3 of the Waitaki Catchment Water Allocation Regional Plan.
- Oceania Dairy Limited.

7. Lead with Pride Programme

Emma Brand, Synlait, spoke to the committee about the programme that financially rewards suppliers who achieve dairy farming best practice.

The vision starts with the desire to be the best across the four pillars of dairy farming;

- Environment
- Animal Health & Welfare
- Milk Quality
- Social Responsibility

The programme is ISO approved and audited annually. Synlait have 200 suppliers and 40 are in the programme.

There is further information on their website about the programme.

8. General Business

Farewell

The committee farewelled Secretary Elly Finnerty and thanked her for her service to the committee since 2010.

At the invitation of the Chair, Suzanne Eddington shared a Karakia

There being no further business the Chair declared the meeting closed at 3.50pm.

AGENDA ITEM	2
SUBJECT MATTER	Zone Implementation Work Programme Development
REPORT BY	Michael Hide, Zone Manager
DATE OF MEETING	19 April 2017

Purpose

To update the committee on the work of the Zone Team in the first quarter of 2017.

Action Required

Receive the update.

Update

- 1. Waihao Farm Audits:** This project is a joint initiative between ECan and Morven Glenavy Ikawai Irrigation Scheme. The project involves 1:1 visits by ECan staff who undertake an assessment of the risk areas on the farm and development of agreed actions to remedy these risks.

The farms are identified and contacted by the irrigation scheme and the actions are incorporated into the farm FEP, which is also audited by the scheme.

Progress has been slowed by the wet weather this season, however a number of farms have now been audited and a number of positive actions implemented.

- 2. Black Hole Enhancement Project:** Emily is working with a number of groups and community organisations to undertake willow control and riparian planting around Black Hole on the Waihao River. Environment Canterbury is currently reviewing options to contribute funding to allow this work to occur, together with the community contribution.
- 3. Hakatamea Community Catchment Plan:** The development of this plan has been significantly delayed due to the ongoing compliance issues in the valley. While there is still some way to go to resolve these issues, a new community-driven group has emerged to progress positive actions within the catchment.

The Hakatamea Sustainability Collective recently held a community meeting and identified a number of focus areas including pest and weed control, recreation, water testing and science. The Landcare Trust is also involved and supporting this group and AI Shearer is continuing to offer support.

- 4. Te Mana O Tewai Project:**

- Contractors have completed fencing the carpark at the top of the Terrace above the lagoon.
- Willow spraying has been completed on David Johnston's property.
- Two new mudfish populations have been discovered on farms in the catchment.
- Contractors are currently working on a property on the Waituna Creek undertaking stream battering work.
- Further works identified from the farm surveys will follow.

5. **South Canterbury Winter Feed GMP Project:** This is a project targeting messages relating to Good Management Practices in relation to winter feed crops. The project will use a range of channels to promote key good management practices over the coming winter.
6. **Dairy Effluent Monitoring:** Dairy shed effluent monitoring has been targeted towards the higher risk farms this season. Overall performance has been on a par with previous seasons. Five infringement notices have been issued for three separate incidents in relation to dairy shed effluent in the current season.
7. **Irrigation Monitoring:** Irrigation takes in the Hakataramea has been the focus for onsite monitoring in the past season. This has resulted in two abatement notices being issued and a number of non-compliance issues being followed up. Ongoing work will occur in this catchment over the coming season.

Environment Canterbury is now automatically monitoring a large number of water takes on a daily basis to ensure compliance. We will also be reviewing water data for the season over the winter months to identify any areas of non-compliance.

8. **South Coastal Canterbury Plan Change:** The plan change is currently under appeal and therefore not operative. ECan have recently run two workshops in the area to assist farmers to understand the implications of the plan as it is currently. This was in response to queries from farmers needing to make decisions on joining the Hunter Downs Irrigation scheme.

Work is also ongoing to develop an implementation plan to be executed once the plan provisions are operative.

9. **New Zone Manager:** Chris Eccleston will join Environment Canterbury on the 1 May 2017 and will take over the Zone Manager Role for the Upper and Lower Waitaki Zones.

AGENDA ITEM	2
SUBJECT MATTER	Zone Implementation South Coastal Canterbury – Plan Change 3 Implementation update
REPORT BY	Keitha Laming (Zone Implementation)
DATE OF MEETING	19 April 2017

Purpose: The purpose of this paper is to provide the Zone Committee with an update about activities in the zone with regards to SCC PC3 implementation.

Action Required:

To review the paper and provide any feedback.

Update: March Public Meetings

During March two public meetings were held in the catchment to communicate some of the key aspects of the proposed South Coastal Canterbury Streams Plan (PC3). These were held at Hook on the 16 March 2017 and Otaio on the 17 March 2017. In particular a summary of the plan’s nutrient allocation framework for nitrogen, phosphorous and sediment management, and water allocation rules were discussed. With respect to nitrogen loss, attendees were provided with some “examples”, of nitrogen loss figures (kgN/ha/Yr as per Overseer®) to help understand how the proposed nitrogen loss framework of “Flexibility” and “Maximum” caps might apply to their farming situation.

Both meetings had attendance of around 20 farmers. Some of the key questions and issues raised were;

- Most of questions focussed on nutrient budgets and the way the rules for Flexibility Caps and Maximum Caps will work.
- There were questions about the process for updating the nitrogen limits on the website, and some discussion about the effects of the updated Overseer® versions, changing the nitrogen cap figures. Therefore, potentially a landowner’s compliance status could change although their actual farm system had not.
- There were some concerns raised about the accuracy of the ‘soil maps’ on the ECan website that determine the soil class and appropriate nitrogen loss figures.
- It was raised that Overseer® does not model arable systems well, and if there is an alternative model is available.
- Discussion about the applicability of the Overseer® model for South Canterbury as the research work that the model is based on was completed in North Canterbury.
- Discussion about the water monitoring programme that ECan has in place and where the river quality sampling sites are located.

N Check - Progressing Tools for Plan Implementation

It has been recognised that there is tool gap for low intensity farmers (sheep and beef, and arable farmers) that are likely to be below or at the flexibility cap to be able to calculate their nitrogen loss figures without necessarily needing to complete a potentially expensive full Overseer® budget.

To that end internally ECan is progressing the option for farmers in the zone to be potentially able to use N Check, as a tool to estimate their nitrogen loss. There are several factors to be considered in this.

Other Work Streams:

“Collectives” i.e. Catchment Groups and Irrigation Schemes

Work is continuing to be prioritised with the existing catchment groups and irrigation schemes focusing on their Farm Environment Plan programmes, and workshops to educate and demonstrate applicable Good Management Practises for the zone.

Upcoming Events to promote GMP

- A soil Management Field day will be held by the Waihao Wainono Catchment Group along with FAR in May. This will focus on:
 - Erosion and soil loss mitigation measures both good for the environment and for crop soil retention
 - Soil health for productivity
 - Site visit looking at sediment traps, bank battering and other erosion mitigation measures
- Industry Workshop – to discuss Wintering Campaign:
Later this month ECan will host an industry workshop to discuss a joint approach to implementing a ‘wintering campaign’ to help inform farmers about practises to minimise nutrient and sediment runoff prior to the feeding of crops this winter.

Strategic Communications Plan

With the internal appointment of a communications advisor based in Timaru, we are in the process of preparing a strategic communications plan that will help farmers to understand the Plan requirements, and the ‘Good Management Practises’ they can undertake on farm to address the potential nutrient and sediment losses. This strategic plan will be based on a ‘behaviour change’ model, which requires social research being undertaken to understand how farmers see the issues, and what ‘drivers’ would persuade them to make the necessary management changes. This research is planned for the next two months.

Immediate communications and activities

It is a goal of the communications team to also raise the profile on ‘Good Management Practises’ in the local media, particularly the farming supplements, and will become visible in the following months.

AGENDA ITEM NO:	3
SUBJECT MATTER	Waitaki Strategic Update from Consent Planning
REPORT BY	Zella Smith, Environment Canterbury
DATE OF MEETING	19 April 2017

Purpose of Report

This agenda item is a chance to update the Zone Committee on Infinity Investments Ltd – Environment Court Decision March 2017.

History

This was a resource consent application to take water from the Hakataramea River for irrigation. It was applied for in 2013, and originally granted by Environment Canterbury. However the decision was set aside by the Environment Court as a result of a judicial review initiated by the community.

The applicant amended the application and reduced the proposed take. It was then reconsidered and declined by Independent Hearing Commissioners in September 2015. The applicant appealed this decision to the Environment Court. Environment Canterbury defended the decision in Court and was joined by three other parties, being Central South Island Fish and Game, Waitaki Irrigators Collective Limited and a group of 53 individual residents/irrigators in the Hakataramea Valley.

In March the Environment Court upheld the council's decision and declined the consent.

Summary of Decision

Key issues debated in the Environment Court were:

- Water quality and ecology effects on the river
- Effects on reliability of supply for existing water users.
- Whether compliance with the Environmental Flow Regime (EFR) in the Waitaki Catchment Plan is sufficient to ensure adverse effects do not occur.

On declining the consent, the Court found that:

- The application is within the EFR and annual volume limits of the Waitaki Catchment Plan. However, in relation to this they noted that:
 - The plan is now over ten years old and due for review; it was prepared before the National Policy Statement for Freshwater and the current Regional Policy Statement, which both have more stringent requirements than were in place when the plan was written.
 - There is doubt over whether allocations from the tributaries were contemplated when considering the EFR and life-supporting capacity of the river.
 - Compliance with the EFR indicates that the effects might be acceptable at first sight; however it is open for any party to produce evidence that the effects are in fact causing adverse effects on the river.
- The water quality and state of the aquatic ecosystem are continuing to deteriorate and water outcomes in the LWRP are not being met and the trend is worsening. Granting the Infinity application would only make this worse.
- While the allocation limit in the plan has not been exceeded, the river is in reality over-allocated as evidenced by the current adverse effects on water quality and aquatic ecosystems.
- The proposed abstraction by Infinity would add in a small way to this deterioration, and would result in important policies in the NPS for Freshwater Management and Canterbury Regional Policy Statement not being achieved.
- It is clear that farmers in the Hakataramea Valley could do with more, and more reliable, water. There is inadequate justification for decreasing reliability of supply for existing farmers any further, particularly in drier years.

The applicant has appealed the decision. It will be heard in the High Court however no date has been set as yet.

CWMS and ZIP Implementation in Lower Waitaki South Coastal Canterbury

- Implementation tracking and overview -

Context

- I. The **role** of the Zone Committee is to develop actions and tactics, with its community to deliver on the CWMS in the zone, and to oversee the implementation of these actions and tactics.
- II. The LWSCC Zone committee has **produced** a Zone Implementation Programme and 3 addenda, which contain recommended actions and tactics.
- III. The **purpose** of this document is to **assist the zone committee** to oversee the delivery of key implementation work-streams across a number of agencies. Some of these workstreams may require committee leadership and problem solving.
- IV. The document can be **used** to assist with: maintaining an overview, the visibility of across agency actions, and the identification and filling of gaps. While the document is 'descriptive', it could be used to 'prescribe actions' where the ZC can source resource commitment.

Key: Lower Waitaki, South Coastal Canterbury, Hakataramea Valley, Zone Wide

Key Workstreams	Outcomes sought	CWMS targets / goals	Lead	Status/Comment	Date
Enhancement of braided river islands in the Waitaki River	Improved habitat for endangered braided river birds	Braided River Character <i>Increase in habitat area for braided river birds (2020)</i>	DOC (CRC)	Islands established/enhanced. Black-fronted terns, two black-billed gull colonies, and wrybill are nesting on the islands. Observations made of good numbers of pied stilts and banded dotterels.	Summer 2016/17
Waitaki River Biodiversity	Protection and enhancement of braided river wetlands and river mouth	Braided River Character <i>Protect the indigenous habitats in riparian wetlands, springs and the lagoons associated with braided rivers (2020)</i>	CRC (WDC)	Dunroon Wetland restoration work complete by local community with willow control, planting, boardwalks, and signage. Actions for Waitaki mouth – not yet begun.	Summer 2016/17
Mudfish Habitat Initiative	Protection and enhancement of Canterbury Mudfish habitat	Ecosystem health and biodiversity <i>An upward trend in diversity and abundance of native fish populations (2020)</i>	LWRMS (DOC)	Habitat enhancement works are progressing well and new species of mudfish have been discovered. Construction of a walking access track is planned. Annual report due in March.	Summer 2016/17
Investigation into groundwater flows in Waihuna/Elephant Hill	We have increased catchment knowledge in priority areas Improved understanding of groundwater and nutrient flows and the connection between Elephant Hill/Waihuna and the Waikakahi Stream	Environmental Limits <i>Review catchment load limits based on changing monitoring information</i>	CRC	Field work is now complete and preliminary results have been presented to the committee in February and to the catchment group in March.	Autumn 2016/17
Northern Fan Spring-head protection and action	The spring sources of streams in the Northern Fan are protected	Ecosystem health and biodiversity <i>Examples of thriving spring-fed ecosystems in each zone (2040)</i>	CRC	Greater Waikakahi: one-on-one work with farmers in MGI to begin on FEP actions, catchment group re-invigorating with March meeting and land management work to focus on specific issues in wider catchment.	Summer 2016/17
Plan Change 2 and 3 to the Waitaki Allocation Plan	Protection of instream values in the Waitaki Provision of certainty for pre-plan consents Provision of water for the enhancement of Mahinga Kai Security of supply for hydro-generation	Environmental Limits <i>Set environmental flows for rivers that are consistent with the principles of the CWMS (2015)</i> Kaitiakitanga <i>Increased the abundance of, access to and use of mahinga kai (2020)</i> Energy Security <i>Maintain Canterbury's contribution to NZ's energy security</i>	CRC (WIC/TRONT/ Meridian)	Hearings complete and decisions accepted. PC2 implementation complete. PC 3 implementation - discussion on how to implement the consent reviews necessary are ongoing.	Summer 2016/17
PC5	Protection of the high water quality in the Waitaki River	Environmental Limits <i>Set catchment load limits for nutrients for each water management zone (2015)</i>	CRC	Hearings completed in the period Oct-Dec 2016. Awaiting hearing commissioner's decision.	Summer 2016/17
Irrigation Integration Project Water Stewardship Programme		Irrigated Land Area <i>Increase in reliability of supply/irrigated land area with demonstrated high standards of riparian, nutrient, and water use management (2040)</i>	WIC	Water Stewardship programme. Phase one all but completed - scheme and catchment baseline data phase. Next phase is to develop an overarching Water Stewardship Strategy which sets high level goals and objectives, this will involve engagement. And finally, develop a Water Stewardship Plan, which is focussed on actions to achieve the goals and objectives.	Summer 2016/17

				South Bank Integrated Irrigation Project - some of this information has been used within the Water Stewardship Baseline Reports, and the actual irrigation system components of it are being progressed by the Kurow-Duntroon Irrigation Company through their proposed upgrade/expansion project.	
Wainono Project	Restoring the mauri of Wainono Lagoon	Ecosystem health and biodiversity <i>Examples of thriving coastal lagoon ecosystems in each zone (2040)</i>	Te Runanga O Waihao / CRC	Progressing with cropping property surveys in the Hook Drain and Waituna catchments Continuing with riparian planting work Completed reinforcing work on sediment structures in the Hook Have started willow control on wetland areas around lagoon	Summer 2016/17
Stormwater and Wastewater Management	Urban Discharges operate at 'Good Management Practice' Stormwater Management Plans effectively manage contaminants in the Wainono Catchment	Ecosystem health and biodiversity <i>Examples of thriving coastal lagoon ecosystems in each zone (2040)</i>	Waimate DC	Wastewater discharges capped by Plan Change 3. Current consent is consistent with Plan Change 3. A Stormwater Management Plan is currently being drafted for consent application, including current and proposed industrial sites.	Summer 2016/17
Augmentation of Wainono Lagoon	Improved ecological health of the lagoon	Ecosystem health and biodiversity <i>Examples of thriving coastal lagoon ecosystems in each zone (2040)</i>	Augmentation Advisory Group CRC	Augmentation locations currently being modelled to assess effectiveness Continuous in-lake monitoring station being established.	Summer 2016/17
Hunter Downs Water	Increased irrigated land area and irrigation reliability Improved economic development opportunities and community resilience	Irrigated Land Area <i>Increase in reliability of supply/irrigated land area with demonstrated high standards of riparian, nutrient, and water use management (2040)</i>	Hunter Downs Water	Preferred coastal alignment selected. Pre-commissioning monitoring - planning underway. Prospectus launch March for proposed winter 2017 construction to begin.	Summer 2016/17
South Canterbury Deep Groundwater Investigation	We have increased catchment knowledge in priority areas Expanded knowledge of groundwater flowpaths from recharge to discharge zones in the Kowai Formation	Environmental Limits <i>Review catchment load limits based on changing monitoring information</i>	CRC	Field work complete and initial results/conclusions completed. Groundwater ageing, via isotope analysis to be completed in late 2017.	Summer 2016/17
Waihao Land Management initiatives	Mitigation of sediment and phosphorus loss on the Waihao Downs Good Management Practices are implemented in the Waihao Wainono catchment	Ecosystem Health / Water Use Efficiency	CRC / WDI WWCCG / CRC	Farm survey work underway with WDI to identify farm specific management interventions through FEPs Field days have so far focused on winter feed management and on pre-irrigation season checks. Next field focus is on sediment and phosphorus loss on May 4 th , concentrating on tillage & winter feed practices.	Summer 2016/17
Plan Change 3	Maintain good water quality in coastal streams and improve flows over time	Environmental Limits <i>Set environmental flows and catchment load limits for nutrients for each water management zone (2015)</i>	CRC	Hearing Commissioners' decision released and accepted in Q4 2016. One appeal on the method for recalculating loads/caps when Overseer	Summer 2016/17

	We have widespread understanding of and compliance with plans			updates. Water quantity provisions are fully operative. Communication of key messages to the community is underway.	
Hakataramea Sustainability Group	Maintaining the Hakataramea braided river character, habitat, water quality and community values in the catchment	Natural Character of Braided Rivers	HSG	Local sustainability group established.	Summer 2016/17
Braided River Weed Control Programme	Protect braided river and wetland habitats and the species they support from invasion of weeds	Natural Character of Braided Rivers <i>Protect significant habitat for a full range of indigenous braided river flora and fauna (2020)</i>	CRC	Funding ring-fenced for braided river weed control over 5 years.	Summer 2016/17
Plan Change 5	Maintain water quality and recreation opportunities associated with the Hakataramea River	Environmental Limits <i>Set catchment load limits for nutrients for each water management zone (2015)</i>	CRC	Hearings completed in the period Oct-Dec 2016. Awaiting hearing commissioner's decision.	Summer 2016/17
Integrated Monitoring Framework pilot	To collate and share data collected by CRC and the community and track plan effectiveness We understand the effectiveness of interventions	Environmental Limits <i>Review catchment load limits based on changing monitoring information</i>	CRC (HSG)	Current monitoring sites created in the framework and gaps identified. Next steps are conversation with the community about gaps and other data they may collect.	Summer 2016/17
Immediate Steps Biodiversity	Protect and enhance indigenous biodiversity	Ecosystem Health and Biodiversity <i>Protect all existing wetlands (2020)</i> Natural Character and Ecological Health of Braided Rivers <i>Protected significant habitat for a full range of indigenous braided river flora and fauna (2020)</i>	CRC	23 projects have been funded and 14 of these projects are now fully complete. \$425,853 has been allocated out of the first \$500,000 five year budget.	Summer 2016/17
Good Management Practice	All land is managed at good management practice (GMP) and priority issues/areas are dealt with	Ecosystem Health / Water Use Efficiency	Industry/CRC	Focus is currently on priority catchments: Hook, Wainono, Waihao Downs and Greater Waikakahi	Summer 2016/17

Key: Lower Waitaki, South Coastal Canterbury, Hakataramea Valley, Zone Wide