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Waitaki
DISTRICT COUNCIL
TE KAUNIHERA Ā ROHE O WAITAKI

**To the members of the
Upper Waitaki Zone Water Management Committee and Lower
Waitaki Zone Water Management Committee**

***Notice is given of the Meeting of the Joint Waitaki Zone Committee to be held on Friday 18
August, 2017, at 9.30am***

VENUE: Otematata Community Centre, Otematata

BUSINESS: As per agenda attached

**WAYNE BARNETT
CHIEF EXECUTIVE OFFICER, MACKENZIE DISTRICT COUNCIL**

**MICHAEL ROSS
CHIEF EXECUTIVE OFFICER, WAITAKI DISTRICT COUNCIL**

	<p align="center">Joint Waitaki Zone Committee Meeting</p> <p align="center">Friday 18th, August</p> <p align="center">Otematata Community Centre</p>	
9:00 am	<i>Arrive / Cup of tea</i>	
9:30	<p>Standing Items: Apologies, Minutes, Correspondence, Regional Committee update, Facilitator update</p>	
9:50	<p>Plan Change 5: update on status</p> <p>Farm Portal: demonstration</p>	<p>Craig Davison</p> <p>Ian Lyttle</p>
10:30	Zone Implementation: quarterly report for Upper and Lower Waitaki	Chris Eccleston
11:00	morning tea	
11:15	Climate Change Projections: presentation for the Waitaki	Brett Painter
12:00	CWMS: reflection session	Nic Newman / Caroline Hart
12:45	General Public Contribution	
1:00pm	<i>Lunch</i>	
1:30pm	<i>Field Trip – Otematata Wetlands</i>	<i>Graeme Sullivan</i>

AGENDA ITEM NO:	SUBJECT MATTER: Plan Change 5 update
REPORT BY: Craig Davison	DATE OF MEETING: 18 th August, 2017

Purpose: to update the committees on Plan Change 5 status and appeals

Action Required: receive the update and discuss when it would be appropriate to host community meetings, to explain the plan change outcome and what it means

Background:

Plan Change 5 to the Land and Water Regional Plan, introduces requirements for farming activities to operate at Good Management Practices and the use of the Farm Portal across the region and gives effect to Zone Committee recommendations in the Waitaki.

Update

The Decision on Plan Change 5 was adopted by Council on 15 June 2017 which included amendments made by the Independent Hearing Commissioners after consideration of all submissions and evidence brought before them. The Decision was publicly notified on 24 June 2017 and an appeal period of 20 working days applied.

The appeal period on Plan Change 5 closed on Friday 21 July 2017 and we received eight appeals on the plan change from the following parties:

Barrhill Chertsey Limited
Dairy Holdings Limited
DairyNZ
Federated Farmers
Irrigation NZ
Ravensdown
Rangitata Diversion Race
Waitaki Irrigators Collective

These appeals have been uploaded to the Plan Change 5 page (under the 'appeals' tab) and can be viewed and downloaded here

<https://www.ecan.govt.nz/your-region/plans-strategies-and-bylaws/canterbury-land-and-water-regional-plan/change-5-nutrient-management-and-waitaki/>

The main areas of appeal are:

- The proxies within Schedule 28 and the Farm Portal that are used to model the application of irrigation water and fertiliser use under Good Management Practice.
- The implications of policies in the plan for individual farming activities and irrigation schemes that have been granted a consent to intensify land but which have not yet implemented the consent. The policies in PC5 provide for circumstances where a person was granted a resource consent to intensify, but only where the intensification occurred before 13 February 2017 (when PC5 was notified).
- Specific to the Waitaki, Waitaki Irrigators Collective have appealed the permitted activity for consent holders with water permits that have conditions that specify a Nutrient Discharge Allowance and/or require the preparation of an audited management plan to mitigate the effects of the loss of nutrients to water (Rule 15B.5.8). The appeal contests a condition within the permitted activity rule which prevents a consent holder from changing the conditions of their existing water permit. For example, a consent holder voluntarily changing conditions of their water permit to bring it into line with the requirements of Plan Change 3 to the Waitaki Catchment Water Allocation Regional Plan.

Next Steps:

Council is currently evaluating the merits of each appeals. Once this process has been completed a request will be extended to each appellant to engage with Council on the content of their appeal.

AGENDA ITEM NO:	SUBJECT MATTER: Quarterly report on Zone Delivery
REPORT BY: Chris Eccleston, Zone Manager	DATE OF MEETING: 18 th of August

Purpose: to provide a formal report to both Waitaki Zone Committees on progress with Zone Delivery activities, and progress against the ZIPs.

Action Required: the committees receive the report, discuss progress, and provide feedback on the format. Note – at the meeting a simple visual summary of the report will be presented.

Background

This is the first iteration of the written quarterly report format. The intent of the report is to provide key updates of Zone team delivery over the previous three months, and to also include the direction for the next quarter.

This report also coincides with the first three months of the new Zone Manager's role with ECan.

The opportunity to present this initial report to both Zone Committees simultaneously is the perfect opportunity to gain feedback and a consensus view on changes deemed necessary in future reports.

The Waitaki Zone team, along with other Zone teams across the region, are currently working on a process of prioritising initiatives and activities to ensure best use of resources, and, where necessary, alignment with regional priorities. For this reason, the "priority actions" column in the following tables has not been completed fully at this time.

Contact details of the Zone Delivery team across the Waitaki zones are provided within this report

Upper Waitaki Zone Committee 5 year outcomes and milestones

Initiatives	Contributors	Progress update – Zone Committee – Aug 17	Priority Actions for next quarter (Sep – Nov 17)
GMP : All land is managed at good management practice (GMP) and collectives encouraged and supported			
Develop key messages, targets and approaches to GMP that are agreed with industry and consistently delivered	Industry District Councils AIG	<ul style="list-style-type: none"> • Implementation of strategy is ongoing. • GMP messages delivered through targeted 1:1 communication in key catchments. • Communication with industry experts in the area and at a regional level to support wider messaging. 	<ul style="list-style-type: none"> • Zone manager to look at developing regular industry meetings
Leverage support for extension and communications to ensure regional systems are aligned to accelerate GMP adoption	District Councils	<ul style="list-style-type: none"> • Regional messaging for the current year has focused on nutrient management requirements and these have been tailored to the needs of the Upper Waitaki Zone. • Expertise has been used from out of zone to support educational activities and prioritisation of messaging and actions in the zone. • Co-ordinated approaches to consent monitoring have supported dual purposes of GMP extension and meeting of RMA expectations. 	<ul style="list-style-type: none"> • Develop further links with District Councils to support activities, particularly around complicated consents
Support community and catchment initiatives to deliver GMP uptake in a prioritised manner		<ul style="list-style-type: none"> • Irrigation efficiency has been a key focus for this season with a successful field day held near Omarama. 	

		<ul style="list-style-type: none"> Ongoing support for various catchment groups in the zone continues. 	
Biodiversity: There is increased protection and enhancement of zone biodiversity			
Identify areas of existing significant biodiversity and take steps to protect it.	DOC LINZ BIC District Councils	<ul style="list-style-type: none"> All funding provided by ECan requires a contribution from the landowner or a third party. This can be in cash or in-kind. In the past year ECan has worked with DOC, LINZ, community groups and landowners to secure this resource. IMS funding has been secured to assist farmers with the fencing of portions of the Willowburn stream where there are biodiversity values to be protected Additional planting of <i>Carex secta</i> in one of the Willowburn wetland areas to ascertain whether this will be effective at controlling water weeds Willow infestation control underway in Willowburn area. 	<ul style="list-style-type: none"> Grey scrub project <ul style="list-style-type: none"> Proposal submitted for funding for grey scrub programme. To run an awareness campaign to <ul style="list-style-type: none"> Protect remnant native biodiversity on hill country Discourage the development of hill country (linked to winterfeed on steep slopes) Project would look at mapping exiting Grey Scrub areas and look at look at methods for enhancement and protection of Grey Scrub Would include liaison with Waitaki, Waimate and Mackenzie District Councils
Co-ordinate funding, resources and key partners to an aligned approach.	DOC LINZ	<ul style="list-style-type: none"> All funding provided by ECan requires a contribution from the landowner or a third party. This can be in cash or in-kind. 	

		<ul style="list-style-type: none"> • In the past year ECan has worked with DOC, LINZ, community groups and landowners to secure this resource. 	
Support to manage pest species in the catchment		<ul style="list-style-type: none"> • Programme developed to deal with emergent pest species that are present in the zone over the next three years. This work is in conjunction with DOC and private landowners. • Environment Canterbury is also working with other agencies such as LINZ and DOC on the control of wilding conifers. • Cotoneaster eradication work in the Upper Waitaki catchment supported by IMS funding 	<ul style="list-style-type: none"> • Continue Cotoneaster eradication works
Water Quality : Water Quality is improved in priority waterbodies requiring remedial action			
Work with industry partners and local communities to identify areas for improvement		<ul style="list-style-type: none"> • The three priority areas for water quality improvements are Omarama Stream, Willowburn Stream and Lake Middleton. • A local group has been working with Environment Canterbury on GMP practices and management of irrigation resources in the Omarama Catchment. Includes working on consents and full farm audits • The full length of the Willowburn Stream has been mapped and key 	

		<p>actions identified with landowners. We have agreement with farmers to stock exclude significant portions of the stream. These actions are underway.</p> <ul style="list-style-type: none"> • Further work is being undertaken to understand the science behind the water quality issues in Lake Middleton. • Land Management Advisor and river engineering inspected Fraser River following concerns raised about deadfall from willows. Working with land owner to remove branches, where this does not require a consent or disturb the bank. Ecan agreed to part fund the work 	
Provide readily accessible science information to inform community decisions		<ul style="list-style-type: none"> • Provide readily accessible science information to inform community decisions 	<ul style="list-style-type: none"> • Ongoing
Improved scientific knowledge: We have increased catchment knowledge in priority areas (science) and we understand the effectiveness of interventions (monitoring)			
Develop and implement an integrated monitoring framework.		<ul style="list-style-type: none"> • Preliminary work has been completed with the sites created in the framework and gaps identified. The next stage will involve discussions with the community in the pilot 	

		catchment about duplication and gaps in the existing monitoring.	
Provide readily accessible science information to inform community decisions		<ul style="list-style-type: none"> • The Integrated Monitoring Framework will assist with this once completed. • Science summary documents are planned for the coming year to provide easily accessible information to the community. 	
Using the science that we have to inform decisions in the zone.		<ul style="list-style-type: none"> • Science investigations are complete or underway to support the following issues in the Zone: • Lake Middleton Hydrology • Movement of nutrients and water in the Wairepo Arm • Loch Laird Faecal Source Tracking 	
Community Ownership: There is widespread ownership of catchment health by the community			
Communications and Stakeholder Engagement Plans for the zone.		<ul style="list-style-type: none"> • Plans have been drafted for the zone but are yet to be finalised. 	<ul style="list-style-type: none"> • Finalise communication plans for the Upper Waitaki zone. Work underway with Communications
Targeted campaigns for key issues affecting water quality and biodiversity in the zone		<ul style="list-style-type: none"> • 'Love your lakes' campaign underway and ongoing. This focuses on recreational users respecting the environment. • Irrigation efficiency campaign completed. 	

		<ul style="list-style-type: none"> • Wintering Management campaign currently under development. 	
Support / promotion for community and educational initiatives	Rūnanga	<ul style="list-style-type: none"> • Partnered with Sustainable Coastlines in an unsuccessful bid for funding through the community environment fund. • Worked with local Rūnanga to provide signage for the Willowburn Nohanga site. • ECan have promoted good news stories in the media via 'snapshot' advertisements. 	<ul style="list-style-type: none"> • Continue developing and promoting positive media opportunities with the Zone Committee
Plans and Rules are understood and complied with: There is widespread community understanding of and compliance with the Waitaki sub-regional section of LWRP			
Develop compliance strategy for each zone that works with resource users on the priority issues and areas.		<ul style="list-style-type: none"> • Compliance guideline developed with the zone committee and implemented in the 2016/2017 year. 	<ul style="list-style-type: none"> • Community meetings to be held to give background and impacts of PC5
Support the development of implementation programmes that involve all the relevant parts of Ecan and external stakeholders.		<ul style="list-style-type: none"> • Resource Management Officers have worked directly with Land Management Advisors and Biodiversity Officers to deliver improved outcomes. • The Omarama Catchment Group has been co-ordinated by the Resource Management Officer to ensure that 	<ul style="list-style-type: none"> • Continue the development of a “Zone team” approach to supporting activities

		the implementation of consents and plans is aligned with on the ground actions.	
Enforcement provisions are used to ensure sufficient deterrent to non-compliance.		<ul style="list-style-type: none"> Enforcement tools have been used where it has been appropriate to do so. 	

Other Areas of Note:

- Consents
 - Consent processing activity in the Zone has been generally low, with of focus on development around Twizel and a limited number of water permits. A large suite of consents were granted to Genesis for an upgrade to the Tekapo Dam.
 - There has been quite a focus on landscape, and the implementation of the requirements of the Waitaki Plan Change 5 to the Land and Water Regional Plan.
 - Work with some key consent holders: in particular Meridian, Genesis, Mackenzie DC and Waitaki DC, is ongoing as they continue to refine and develop their activities.
 - Regionally Significant Consents Monitoring project
 - Develop a list of regionally significant consents
 - Ensure they are assigned to a dedicated Resource Management Officer
 - Provide guidance on appropriate monitoring approaches

Lower Waitaki Zone Committee 5 year outcomes and milestones

Initiatives	Contributors	Progress update – Zone Committee – Aug 17	Priority Actions for next quarter (Sep – Nov 17)
Wainono Lagoon: The ecosystem health and mauri of Wainono lagoon and its catchments is improved			
Implementation of Te Mana O Te Wai Project	Te Rūnanga O Waihao	<ul style="list-style-type: none"> • Actions are progressing as planned following early changes to the work programme due to high lagoon levels: • Willow and weed control work is underway and completed on the gravel bar. • Willow clearance and stream battering work is underway on properties on the Waituna River. • To date \$187,000 has been spent of the total budget of \$517,000 	
Leverage existing catchment groups and irrigation schemes in the catchment to drive behaviour change	Catchment Groups Irrigation schemes	<ul style="list-style-type: none"> • ECan is continuing to provide support to the Waihao Wainono Water Users Group and they have run two successful field days in the past year. • A current project is underway with Morven Glenavy Irrigation Scheme to undertake detailed farm surveys and incorporate actions into the schemes Farm Environment Plans. All but three of the audits have been completed. • Beef and Lamb FEP field day held on 16th August 	<ul style="list-style-type: none"> • Complete farm audit process and develop action plans

Ensuring actions align with and support the planning framework	Industry	<ul style="list-style-type: none"> • PC3 <ul style="list-style-type: none"> ○ PC3 project team has been convened and is working through an agreed plan. ○ PC3 becomes operative in August. ○ The initial activity scheduled to be completed by the end of August are: <ul style="list-style-type: none"> ▪ Confirmed communications package ▪ Confirmed technical information, including confirmation of max cap reduction, catchment load and Overseer updates ▪ Initial work with the working group ▪ Forecasting of consenting demand ▪ Scheduling of industry and consultant meetings to enable consistency of messaging 	<ul style="list-style-type: none"> • A “soft launch” via letters out to priority and high risk catchment, and schemes, and through drop in sessions, will be rolled out from September.
GMP : All land is managed at good management practice (GMP) and priority issues/areas are dealt with and collaboration with irrigation schemes in key catchments			

Develop key messages, targets and approaches to GMP that are agreed with industry and consistently delivered	Industry	<ul style="list-style-type: none"> • Implementation of strategy is ongoing. • GMP messages delivered through targeted 1:1 communication in key catchments. • Communication with industry experts in the area and at a regional level to support wider messaging. 	<ul style="list-style-type: none"> • Zone manager to look at regular industry meetings
Leverage support for extension and communications to ensure regional systems are aligned to accelerate GMP adoption	District Councils	<ul style="list-style-type: none"> • Regional messaging for the current year has focused on nutrient management requirements and these have been tailored to the needs of the Lower Waitaki Zone. • Expertise has been used from out of zone to support educational activities and prioritisation of messaging and actions in the zone. • Regular contact is maintained with industry representatives and work programmes co-ordinated. 	<ul style="list-style-type: none"> • Develop further links with District Councils to support activities
Support community and catchment initiatives to deliver GMP uptake in a prioritised manner	Rūnanga Catchment Groups	<ul style="list-style-type: none"> • Support is provided to the local Rūnanga, Catchment Groups and Irrigation companies to support the GMP messages. • Primarily this is achieved through combined messaging, 1:1 visits and catchment field days. 	

		<ul style="list-style-type: none"> Independent facilitator appointed in the Hakataramea Catchment to support community action. 	
Biodiversity: The biodiversity in the priority areas of: Waitaki Mouth, Waitaki riparian wetlands, Northern Fan spring heads, and areas of grey scrub is protected and enhanced			
Further refine areas of existing significant biodiversity and take steps to protect it.	District Councils	<ul style="list-style-type: none"> Immediate Steps Programme applies protection and enhancement to sites of most significant value. \$567,379 allocated to date. Assessments completed at farm level on a number of properties in the Wainono Catchment. Process and funding in place to deal with pest species in the Hakataramea Catchment. Planned work to raise awareness of Grey Scrub in Q1 of 2017 is yet to be completed. 	<ul style="list-style-type: none"> Grey scrub project <ul style="list-style-type: none"> Proposal submitted for funding for grey scrub programme. To run an awareness campaign to <ul style="list-style-type: none"> Protect remnant native biodiversity on hill country Discourage the development of hill country (linked to winterfeed on steep slopes) Project would look at mapping exiting Grey Scrub areas and look at look at methods for enhancement and protection of Grey Scrub Would include liaison with Waitaki, Waimate and Mackenzie District Councils
Co-ordinate funding, resources and key partners to an aligned approach.		<ul style="list-style-type: none"> All funding provided by ECan requires a contribution from the landowner or a third party. This can be in cash or in-kind. 	

		<ul style="list-style-type: none"> In the past year ECan has worked with DOC, LINZ, community groups and landowners to secure this resource. 	
Support to manage pest species in the catchment	LINZ DOC	<ul style="list-style-type: none"> Programme developed to improve co-ordination and resourcing of pest management in the Hakataramea Catchment. Environment Canterbury is also working with other agencies such as LINZ and DOC on the control of wilding conifers in this catchment. 	
Plans and rules are understood and complied with: There is widespread community understanding of and compliance with the Waitaki sub-regional section of the LWRP and WCWARP			
Develop compliance guidelines for each zone that works with resource users on the priority issues and areas.		<ul style="list-style-type: none"> Compliance guideline developed with the zone committee and implemented in the 2016/2017 year. 	

<p>Support the development of implementation programmes that involve all the relevant parts of Ecan and external stakeholders.</p>		<ul style="list-style-type: none"> • PC3 <ul style="list-style-type: none"> ○ PC3 project team has been convened and is working through an agreed plan. ○ PC3 becomes operative in August. ○ The initial activity scheduled to be completed by the end of August are: <ul style="list-style-type: none"> ▪ Confirmed communications package ▪ Confirmed technical information, including confirmation of max cap reduction, catchment load and Overseer updates ▪ Initial work with the working group ▪ Forecasting of consenting demand ▪ Scheduling of industry and consultant meetings to enable consistency of messaging 	
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Enforcement provisions are used to ensure sufficient deterrent to non-compliance.		<ul style="list-style-type: none"> Use of the enforcement tools has increased in the past year and will continue to be used where it is appropriate to do so. 	
Improved scientific knowledge: We have increased catchment knowledge in priority areas (science) and we understand the effectiveness of interventions (monitoring) Include PC3			
Develop and implement an integrated monitoring framework.		<ul style="list-style-type: none"> Preliminary work has been completed with the sites created in the framework and gaps identified. The next stage will involve discussions with the community in the pilot catchment about duplication and gaps in the existing monitoring. 	
Provide readily accessible science information to inform community decisions		<ul style="list-style-type: none"> The Integrated Monitoring Framework will assist with this once completed. 	
Using the science that we have to inform decisions in the zone.		<ul style="list-style-type: none"> Science investigations are complete or underway to support the following issues in the Zone: <ul style="list-style-type: none"> South Canterbury Deep Groundwater Investigation Investigation into groundwater flows in Waihuna/Elephant Hill 	
Community Ownership: There is widespread ownership of catchment health by the community			
Communications and Stakeholder Engagement Plans for the zone.		<ul style="list-style-type: none"> Plans have been drafted for the zone but are yet to be finalised. 	<ul style="list-style-type: none"> Finalise communication plans for the Lower Waitaki zone

			<ul style="list-style-type: none"> • Roll out wintering management campaign
Targeted campaigns for key issues affecting water quality and biodiversity in the zone	Catchment groups	<ul style="list-style-type: none"> • Soils management and Winter Fodder Crops campaigns completed in conjunction with Waihao Wainono Water Users Group. • Wintering Management campaign currently under development. 	
Support / promotion for community and educational initiatives	Catchment groups	<ul style="list-style-type: none"> • Ongoing work with Waihao Wainono Water Users Group to support their work. • Project underway with local land owners to enhance Black Hole swimming spot on the Waihao River. Funding of \$18000 has been agreed. This will include willow removal, native planting along the riparian margin of the Waihao track. • Support provided in Hakataramea Catchment to develop a catchment management plan. • Support for the Waikakahi Catchment Group. • ECan have promoted good news stories in the media via 'snapshot' advertisements. Monthly agreements made with local media outlets 	<ul style="list-style-type: none"> • Promote activity in the Black Hole Project • Continue developing and promoting positive media opportunities with the Zone Committee

Other Areas of Note:

- Consents
 - Consent processing in the Zone has been steady, with a focus on water permit replacements and dairy effluent replacements and changes. Consents for farming land use are beginning to increase as the South Canterbury Coastal Plan Change becomes more embedded.
 - Review notices for the majority of water users who will be having their consents reviewed as a consequence of Plan Change 3 to the Waitaki Catchment Water Allocation Regional Plan have been sent out, including Meridian's.
 - Work with some key consent holders: in particular Oceania, Fonterra, MGI, Waimate DC and Waitaki DC is ongoing as they continue to refine and develop their activities.
 - Regionally Significant Consents Monitoring project
 - Develop a list of regionally significant consents
 - Ensure they are assigned to a dedicated Resource Management Officer
 - Provide guidance on appropriate monitoring approaches
- *Mycoplasma bovis*
 - Zone Manager is attending MPI meetings, and receiving MPI updates
 - Biosecurity measures put in place for all ECan staff to support the prevention of disease spread, and all staff are also aware of MPI biosecurity guidelines.
 - Latest update on at time of writing (10th August) identified that other ruminants such as sheep can be passive carriers. They will not be infected, or develop the disease, however they could pick it up from direct contact with infected animals and there is a small chance they could pass it on to cattle. Advice is to keep sheep and other animals separate from cattle if possible
- Hakataramea
 - Since the recent flood event, there has been a significant change in the river's course. Issues raised by this are currently being worked through

Zone Delivery Team:

Zone Manager: Chris Eccleston
03 687 7858
027 562 2492

**Resource Management
Officers:**

Rachel Blackburn (Upper Waitaki)

Erin Baylis (Lower Waitaki)

Nic Froude (Mackenzie District Council consents)

Biodiversity:

Rob Carson-Ilse (Upper Waitaki)

Kennedy Lange (Lower Waitaki)

Land Management:

Ian Lyttle (Upper Waitaki)

Emily Anderson (Lower Waitaki)

AGENDA ITEM NO:	SUBJECT MATTER: Climate Change projections for the Waitaki
REPORT BY: Brett Painter	DATE OF MEETING: 18 th of August

Purpose: to inform the Upper and Lower Waitaki Zone Committees of climate change projections for the Waitaki, to assist with future thinking.

Action: the committees will be provided with a presentation on projected impacts on variables such as temperature, rainfall, snowpack, wind, extreme events; from climate change

Background

The IPCC 5th Assessment¹ was completed in 2013/14 with follow up documents created specifically for New Zealand available from NIWA/MfE² and the NZ Climate Change Centre³. These documents conclude that we can be confident that key aspects of our climate have changed significantly since global industrialisation and we can be increasingly confident in future climate projections linked to different greenhouse gas emission scenarios.

The NIWA/MfE reporting also provides more information at a sub-regional level than previous assessments. Future Waitaki Zone climate projections will therefore be presented alongside relevant information at a larger scale, for example sea level rise and climate cycles.

¹ www.ipcc.ch

² <http://www.mfe.govt.nz/climate-change>

³ www.nzclimatechangecentre.org