

UPPER WAITAKI WORK PROGRAMME - END OF YEAR PROGRESS REPORT 2016/17

Ref	Outcome	Outcome Description	Strategy Reference	Strategies to achieve outcomes	Strategy Status	Progress update for each strategy - as at 30 June 2017
1	GMP	All land is managed at Good Management Practice (GMP) and collectives encouraged and supported	1.1	Develop key messages, targets and approaches to GMP that are agreed with industry and consistently delivered	On Schedule	<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 to improve GMP uptake
			1.2	Leverage support for extension and communications to ensure regional systems are aligned to accelerate GMP adoption	On Schedule	<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, such as an irrigation field day, 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 Resource Management Act expectations
			1.3	Support community and catchment initiatives to deliver GMP uptake in a prioritised manner	On Schedule	<ul style="list-style-type: none"> Irrigation efficiency has been a key focus for this season with a successful field day held near Omarama Ongoing support for various catchment groups in the zone continues
2	Biodiversity	There is increased protection and enhancement of the zones biodiversity	2.1	Identify areas of existing significant biodiversity and take steps to protect it.	On Schedule	<ul style="list-style-type: none"> Immediate Steps Programme applies protection and enhancement to sites of most significant value. \$606,000 allocated to date Detailed assessment completed of sites in the Willowburn Stream Catchment and funding provisions put in place for protection Process and funding in place to deal with emergent pest species in the catchment
			2.2	Co-ordinate funding, resources and key partners to an aligned approach.	On Schedule	<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 Department of Conservation (DOC), Land Information New Zealand (LINZ), community groups and landowners to secure this resource
			2.3	Support to manage pest species in the catchment	On Schedule	<ul style="list-style-type: none"> Programme developed to deal with emergent pest species, such as cotoneaster, 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.
3	Water Quality	Water Quality is improved in priority waterbodies requiring remedial action	3.1	Work with industry partners and local communities to identify areas for improvement	On Schedule	<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. The full length of the Willowburn Stream has been mapped and key actions identified with landowners. These actions are underway. * Further work is being undertaken to understand the science behind the water quality issues in Lake Middleton.
			3.2	Provide readily accessible science information to inform community decisions	On Schedule	<ul style="list-style-type: none"> Science work has been provided to the community through Environment Canterbury experts on request. Preliminary work to pilot a monitoring framework in the Omarama Catchment has been completed and the next stage is expected to be underway in the coming year.
4	Community Ownership	Widespread ownership of catchment health by the community	4.1	Communications and Engagement Plans for the zone	Behind Schedule	<ul style="list-style-type: none"> Plans have been drafted for the zone but are yet to be finalised.
			4.2	Targeted campaigns for key issues affecting water quality and biodiversity in the zone	On Schedule	<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 Winter Grazing Management campaign currently under development
			4.3	Support / promotion for community and educational initiatives	On Schedule	<ul style="list-style-type: none"> Partnered with Sustainable Coastlines in an unsuccessful bid for funding through the community environment fund Worked with local Runanga to provide signage for the Willowburn Nohanga site ECan have promoted good news stories in the media via 'snapshot' advertisements
5	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	5.1	Develop compliance strategy for each zone that works with resource users on the priority issues and areas.	Completed	<ul style="list-style-type: none"> Compliance guideline developed with the zone committee and implemented in the 2016/2017 year.
			5.2	Support the development of implementation programmes that involve all the relevant parts of Ecan and external stakeholders.	On Schedule	<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 the implementation of consents and plans is aligned with on the ground actions.
			5.3	Enforcement provisions are used to ensure sufficient deterrent to non-compliance.	On Schedule	<ul style="list-style-type: none"> Enforcement tools have been used where it has been appropriate to do so
6	Improved scientific knowledge	We have increased catchment knowledge in priority areas (science) and we understand the effectiveness of interventions (monitoring)	6.1	Develop and implement an integrated monitoring framework for water quality and quantity	On Schedule	<ul style="list-style-type: none"> See 3.2. 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
			6.2	Provide readily accessible science information to inform community decisions	Behind Schedule	<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.
			6.3	Using the science that we have to inform decisions in the zone.	On Schedule	<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"> - Lake Middleton hydrology work to better understand the connection between Lake Middleton and Lake Ohau to improve water quality - Movement of nutrients and water in the Wairepo Arm Investigate Loch Laird water quality issues