

SELWYN-WAIHORA WORK PROGRAMME - END OF YEAR PROGRESS REPORT 2016/17

Ref	Outcome	Outcome description	Milestone reference	Milestones to achieve outcomes	Milestone status	Progress update for each milestone - as at 30 June 2017
1	Lake interventions	On the ground interventions relating to reconstructing wetlands, addressing legacy phosphorus and restoring macrophyte beds.	1.1	Work programme identified to progress lake interventions.	Behind Schedule	• Engagement has begun and is back on track after a delay with new co-governors for the management of Te Waihora/Lake Ellesmere. New strict farm rules and limits are in place.
			1.2	Start a constructed wetland, funding dependent, by July 2017.	Behind Schedule	• On hold.
			1.3	Investigate impact of managed retreat of lake opening with sea level rise and identify priority sites for wetland construction and land retirement.	Behind Schedule	• On hold - further discussion with partners and stakeholders required.
			1.4	Complete further investigations on options for addressing legacy phosphorus by June 2017.	Behind Schedule	•Discussions are to progress once work programme is finalised.
			1.5	Complete pilot macrophyte trial near Timberyard Point by June 2018.	On Schedule	• A wave barrier recently established at Te Waihora/Lake Ellesmere is showing positive signs that macrophyte beds are establishing successfully.
2	Farming at good management practice (GMP)	Focusing good management practices on priority areas - Central Plains Water, phosphorus sediment risk areas, cultural landscape/values management area, dairy farms in the Kaituna and Silverstream catchments, as well as farms in high country sensitive lake catchments.	2.1	Strategy to get all farmers operating at GMP or better endorsed by Zone Committee by 30 June 2016.	Completed	
			2.2	Start two year work plan to deliver strategy to get all farmers operating at GMP or better, with stakeholders by August 2016 and report six-monthly to Zone Committee on progress.	On Schedule	• Implementation of good management practice across the zone is progressing well. Quarterly updates are provided to the Zone Committee.
			2.3	Develop and agree how beyond GMP is to be implemented by October 2016.	Completed	• Updated strategy was presented to Zone Committee in April 2017. Land use consents are being applied for. Audit process is in progress.
			2.4	Central Plains Water stage 1 farmers operating at GMP with 75% of Farm Environment Plan (FEP) audits achieving A or B grade by January 2018.	On Schedule	• Audits are in progress following the advised schedule.
			2.5	All properties in phosphorus sediment risk areas and cultural landscape/values management area have completed FEPs and lodged land use consent applications by June 2017 in accordance with set priorities.	On Schedule	• Priority was revised in GMP Strategy. Work is in progress for landowner engagement and support to achieve outcome. Cultural Land Management Advisor establishing network with land owners and industries.
			2.6	100% of audited dairy farms have FEP audit grade of A or B by June 2018.	On Schedule	• Strong dairy sector engagement is in place. Support through workshops and advice is provided as required.
			2.7	All farmers within sensitive lake zones achieve GMP by June 2017 as demonstrated by FEP audit.	Behind Schedule	• Final two landowners are being supported.
			2.8	Sediment and erosion work programme for Kaituna catchment agreed by the community and started by July 2017 (subject to external funding).	On Schedule	• Primary targeted areas have been reviewed for erosion control demonstration area established four years ago. A meeting was held with local rūnanga at Ta Taumutu Marae on 7 May to explain planned works. Rūnanga were supportive. A meeting with local community members is planned for 25 June.
			2.9	Compliance strategy to support GMP uptake in the zone endorsed by the Zone Committee by August 2016.	Completed	• Signed off last year.
			2.10	Reduce dairy effluent discharge significant non-compliance by September 2018 with a target of zero.	On Schedule	• Tough target. Taking whole farm approach to monitoring. In 2016/17 dairy season, target of 50% were inspected as agreed.
			2.11	Reduce water extraction significant non-compliance by September 2018 with a target of zero.	On Schedule	• Tough target. Regional water metering and verification campaign in late 2016 was successful. Ongoing monitoring is in place - prompt response to issues when flagged.
3	Alpine water use	Water from Rakaia River and Lake Coleridge is used for new irrigation, replacing groundwater takes and for augmenting lowland stream flows.	3.1	Stage 2 of Central Plains Water operating by September 2018, subject to development timeframes.	On Schedule	• Earthworks began in March-April 2017,
			3.2	Targeted stream augmentation investigates opportunities for improving flows in lowland streams. Findings reported regularly and recommendations made by January 2018.	On Schedule	• Several projects are in progress. Updates are provided to Zone Committee throughout the year. Near river Waikirikiri/Selwyn project is being explored.
			3.3	Integrated Central Plains Water and Environment Canterbury water quality and quantity monitoring programme in place by August 2016.	On Schedule	• Integrated monitoring is in place.
4	Integrate Ngāi Tahu values	Catchment managed in a way that integrates Ngāi Tahu values across all outcomes and how these will be achieved.	4.1	Enhance mahinga kai.	On Schedule	• Mahinga kai guide has been finalised and is available for distribution.
			4.2	Cultural outcomes are understood within the zone.	On Schedule	• Cultural Land Management Advisor in zone team is providing advice and guidance on zone work programme.
			4.3	Support the regional biodiversity outcome of managing longfin eels/tuna in a sustainable way.	On Schedule	• Several Immediate Steps projects are underway; for example, Waikirikiri on High Peak Station.
			4.4	Implement a package of actions that builds capacity and quality actions to implement the cultural landscape/values management area plan provisions.	On Schedule	• Package of actions has been signed off by rūnanga. Cultural Land Management Advisor is in place.
			4.5	Work with the farming sector to improve understanding of cultural values.	On Schedule	• Auditors' noho marae (marae stay) is in development. Engagement with industry sectors has taken place throughout the year.
			4.6	Farmers understand their responsibilities regarding stock exclusion.	On Schedule	• Work with landowners is ongoing through the Zone team's integrated approach.
			4.7	Progresses discussions on the plan for the Selwyn Huts and Leeston wastewater emergency discharge.	On Schedule	• Plans are part of Selwyn District Council Long Term Plan - options are in place, several community meetings have been held.
			4.8	Integrated drain management programme developed and agreed by 30 June 2017.	Behind Schedule	• Drain management plan is being refreshed. Deadline will be slightly revised.
			4.9	Identifying mahinga kai food gathering standard.	On Schedule	• Good progress is being made.
			4.10	Integrate cultural, opportunities mapping and responses (COMAR) and state of the Takiwā approach with Environment Canterbury's water monitoring approach.	On Schedule	• Discussions are taking place.
5	Protect and enhance indigenous biodiversity	Enhanced indigenous biodiversity and ecosystem health in priority areas or ecosystems - Hororata catchment, high country, wetlands, springheads, braided rivers and Te Waihora.	5.1	Prepare strategy and agree initial two-year work programme.	Completed	• Developed and signed off by the Zone Committee in early 2017.
			5.2	Restoration plans for biodiversity corridors (Hororata and Waimakariri) confirmed by June 2016 and implement identified priority actions by December 2017.	Completed	• Waimakariri is completed. Hororata stage one is complete and an advanced stage is being explored.
			5.3	Deliver a minimum of two wetlands/springhead projects per year.	Completed	• Hororata wetland on Cordys Stream feeds into Hororata River / Pig Saddle Road wetland into Waianiwaniwa and ultimately the Waikirikiri.
			5.4	Collaborate with the braided rivers regional flagship on projects regarding the upper Rakaia River that falls in the Selwyn Waihora Zone.	On Schedule	• Exchange of ideas with Regional Biodiversity team is ongoing.
			5.5	Aligned work programme in place for agencies/groups working in the Te Waihora surroundings.	On Schedule	• Work with David Murphy (Programme Implementation Manager Whakaora Te Waihora, ZIP Delivery) and Jodi Rees (Senior Biodiversity Officer) is ongoing. Te Waihora Agencies Group meetings are currently on hold.
			5.6	Reduce the extent of spread of wilding trees in the upper Waimakariri catchment.	On Schedule	• Currently being delivered by Ministry for Primary Industries, Department of Conservation, Waimakariri Ecological and Landscape Restoration Alliance, and tramping club volunteers programme and landowners; for example, Flock Hill Station.
			5.7	Collaborate with Central Plains Water on biodiversity opportunities through development of shareholder FEPs and the Environmental Management Fund.	On Schedule	• Collaboration with Central Plains Water is in its early stages.
			5.8	Biodiversity protection and enhancement opportunities identified through the FEP process.	On Schedule	• In progress by regional support team. Zone team always looks for landowners willing to engage voluntarily.
			5.9	Develop a large scale and multi year programme to support active management and enhancement of effective riparian margins by September 2017.	Behind Schedule	• On hold. Further development of scope is required.
			5.10	Start work on improved management of riparian margins in priority streams, rivers and drains from October 2017.	Behind Schedule	• As for Milestone 5.11.
6	Water supplies and standards	All community water supplies meet New Zealand Drinking Water Standards and provide sufficient water to meet community demand.	6.1	Bacterial and protozoal compliance is within the Selwyn District Council Long Term Plan community outcomes performance levels.	Completed	• Completed for 2016-17 year. Update has been provided to Zone Committee.
			6.2	Selwyn District Council drinking water demand management plan approved by council in June 2016.	Completed	• Update was provided to the Zone Committee in August 2016.
			6.3	Selwyn District Council progressively implements water demand management as outlined in the district plan.	On Schedule	
			6.4	All on-demand community water supplies metered by June 2019.	On Schedule	
7	Recreation opportunities	Enhance, where possible, contact recreation opportunities at key sites on the Waikirikiri/Selwyn River and for sports fishing in the high country.	7.1	Suitability for contact recreation improves at Coes Ford by 2019.	On Schedule	• Swimmable Selwyn at Coes Ford workshop was held in February 2017. Silverstream draft implementation plan is well advanced.
			7.2	Persistence of toxic algae reduced at Whitecliffs Domain on Waikirikiri/Selwyn River by 2019.	Behind Schedule	• Work has not begun due to other priorities and lack of resourcing.
			7.3	Support one salmon/trout spawning project per year in the high country.	On Schedule	• Snake Creek - Fish and Game is in progress (low plains as agreed with partners); high country - One Tree Swamp, Mt White Station.
8	Community awareness of freshwater management	Raise community awareness of freshwater management goals and how these will be achieved.	8.1	Communications and awareness strategy developed by August 2016 and initial 18 month tactical plan agreed by September 2016.	Completed	• Completed in 2016. Actions are now taking place.
			8.2	Current community awareness level measured by July 2016.	Completed	• Completed in 2016.
			8.3	Selwyn Waihora Zone Team continues to develop strong relationships with sector, industry and community groups - demonstrating an increase in connections by January 2017.	On Schedule	• Community drop-in sessions increased markedly (over 500%) throughout year. Relationship portfolios are in place within Zone team.