

Selwyn Waihora - Work Programme Progress Update for Quarter 4 (Apr-Jun) FY2018/19

Selwyn Waihora Work Programme Summary:

- Mudfish project opening celebration at Haldon Pastures
- Swimmable Selwyn @ Coes ford Year 1 completed and presented
- Selwyn River/Waikirikiri working group outcomes draft presentation
- Lake edge wetland / wet pasture project completed

SW-O-44 - A Healthy Te Waihora

SW-M-116

On the ground interventions for Te Waihora

On Schedule

Achievements:

Whakaora Te Waihora programme - key achievements between April - June 2019

The key achievement for the Whakaora Te Waihora programme from March - June 2019 were:

o For the Whakaora Te Ahuriri project,

- Earthworks & Engineering: Engineering and earthworks were almost completed.

- Resource consents: An inspection visit was conducted by an Environment Canterbury monitoring and compliance officer, and no issues were raised.

- Mātauranga Māori: The second Mātauranga Māori monitoring visit was conducted from 25-26 March. The purpose of this visit was to undertake monitoring at the site during the engineering and earthworks phase, with consultants and rūnanga representatives using the Takiwā tool to undertake an assessment of cultural values at six locations within Ahuriri Lagoon.

- Communications: Another drone pass was conducted over the project site, to record progress footage during the engineering and earthworks phase of the project

o For the Weed Strike Force for willow control (delivered by the Department of Conservation),

- Work was completed for the 2018/2019 year.

- Work was undertaken at the Lakeside and Harts Creek sites.

- Work was completed to control large infestations of willow at the Selwyn Lake Road and The Lake Road sites.

- Grey willow control at the Williams Block site continued and was completed at Rennie's Bay.

o For the trial establishment of macrophyte beds (delivered by NIWA): Discussions are underway with Te Taumutu Rūnanga and Te Ngāi Tūāhuriri Rūnanga for the proposed translocation and re-introduction of kōrepo/Ruppia megacarpa from Ashworths Ponds north to Te Waihora/Lake Ellesmere.

o For riparian planting along Waikekewai Stream, added value was provided to this project from Environment Canterbury's

Regional Initiative funding, which is providing an additional funding for willow control. Therefore, in the current financial year the project will: undertake restoration works (willow control, path upgrade, and

		<p>riparian planting) at Site 1 between the Ngāti Moki Marae and Te Repo Orariki/Taumutu Wetlands; and, undertake willow control at Site 2 at the delta of Waikekewai Stream where it meets Te Waihora/Lake Ellesmere.</p> <ul style="list-style-type: none"> o For the maintenance of existing planting sites, to ensure ecological and cultural values are retained at priority, riparian sites planted by the programme in Phase One, a three-year commitment to maintain 11 priority sites has begun. <p>Te Waihora Co-Governors have been invited to attend the Mudfish barrier opening on the 7th of June hosted by Zone Committee and Te taumutu rūnanga TWAG is about to start meeting again to work on a the shared work programme</p>
<p>SW-M-117 Community led sediment and erosion solution package for Kaituna</p>	<p>On Schedule</p>	<p>Achievements:</p> <p>Started re-establishing contact/engagement with Kaituna Valley community - including liaising with main landowners about sediment and erosion options, as well as exploring whether and how to address these via farm environment plans.</p> <p>Collaboration confirmed with Whakaora Te Waihora programme for weed control and infill and enhancement planting along Kaituna River near Te Waihora.</p>
<p>SW-M-118 In-lake and near-lake solutions packages</p>	<p>On Schedule</p>	<p>Achievements:</p> <ul style="list-style-type: none"> o Key project for the zone team is that the land use consent programme in the Cultural Land Values Management Area (CLVMA) around Te Waihora is completed. All farms have been visited, maps and advice shared and discussed. Landowners have already completed the consenting process or have fenced off wetlands. o Developed and communicated resources for the CLVMA; farming website images/content including stories. Currently developing short term / medium term / long term on-farm actions / videos that support and enhance mahinga kai values in drain management. o Filmed on-farm actions that supports mahinga kai and Ngāi Tahu values on "Fish of the Day" with Clarke Gayford at Te Waihora. Focusing on the connectivity of a catchment approach to kaitiakitanga and addressing that what happens on a property directly affects what ends up in the sea. Great opportunity to showcase the Pou Mātai Kō roles and how Environment Canterbury is front footing good kaupapa like this in a collaborative manner with private landowners, industry and zone delivery. o Update on land use consent statistics: 177 (2016-18), 114 and another 46 currently being processed (FY 18/19) o We are supporting all private landowners, industry groups, agri-groups and agri- consultants in

		<p>developing their land use consents/farm environment plans</p> <ul style="list-style-type: none"> o Regular high turn-out at the Leeston and Darfield drop-in sessions with consent planners and regular pre-consent meetings o Biodiversity – primarily advice, because biodiversity protection in CLVMA is a consent condition.
<p>SW-M-119 Muriwai / Coopers Lagoon - fish passage restoration</p>	<p>On Hold</p>	<p>Achievements: Currently on hold – Po Mātai Kōu and team are aware of the significance of the area for Te Taumutu Rūnanga but are waiting for the Rūnanga to initiate this conversation and engage/lead the team if there is interest.</p>
<p>SW-O-45 - Healthy Lowland Streams</p>		
<p>SW-M-120 Improved water quantity in lower Waikirikiri</p>	<p>On Schedule</p>	<p>Achievements: Achievements:</p> <ul style="list-style-type: none"> o Broadacres TSA project: Planning is well advanced for the installation of a temporary weir to enable release of mudfish in advance of spring flow naturally ceasing (required before habitat enhancements can be completed). <p>Selwyn/Waikirikiri Near River Recharge project:</p> <ul style="list-style-type: none"> o Land purchase – land has been purchased and recharge site cleared in preparation for construction. o Consenting, construction planning / procurement and background monitoring ongoing o Working with CPW on its required rockpiles for lizard habitat. Current design adds a long rockpile to the external north face of the recharge basin. <ul style="list-style-type: none"> o Stage 2 of CPW: Stage 2 is operating, with minor internal repairs to be completed to the glass reinforced pipe (GRP) in the off-season (April- August) o Collaborate with Wildlife Habitat Trust around Snake Creek Restoration project to completion in 2020 - 2.3 km now complete, McGrath spring planted (ECan funding), Infill on another property with CPW funding and a successful Million-metre stream campaign; provide support to and promote the Living Water project to completion in 2020 - priorities L2 catchment, drain management/consents SDC, Tarerekautuku, on-farm FEP/GMP progress.
<p>SW-M-121 Improved water quality at Coes Ford</p>	<p>On Schedule</p>	<p>Achievements: Achievements:</p> <ul style="list-style-type: none"> o Swimmable Selwyn @ Coes Ford project - all priority property hot spot mitigation measures completed including buffering critical source areas and spring head protection planting

		<ul style="list-style-type: none"> o Farmers operating at Good Management Practice o Feasibility report for wetland due end June. Visited McGraths Creek to scope and get advice on sediment trap and removal opportunities o Biodiversity - exploring additional opportunities in collaboration with land management advisors (LMAs) and GMP work within the Silverstream catchment as part of the Zone Priority project.
SW-M-122 Continuation of the Land use consent campaign	On Schedule	Achievements: <ul style="list-style-type: none"> o First few C grade audits being followed up by land management advisors and compliance staff as required, as well as direct collaboration with industry support for landowners o Campaign follow up to identify any missing FLU applications or people on waitlists with consultants and N budgets o Community drop-ins held at Leeston and Darfield. This includes consent planners attending Leeston drop-in, which is valuable for both Zone Delivery staff and the community.
SW-M-123 Drive GMP campaign and audits	On Schedule	Achievements: <ul style="list-style-type: none"> o First few audit follow ups attended to get landowners on track for the next audit in collaboration and support with industry partners o SSCF community catchment work progressing and regular check-in with collaborators - landowners, Carex, ESR, DairyNZ, SDC, Fish & Game, Te Taumutu Rūnanga o GMP campaign-generated queries answered o Drop-ins attended.
SW-O-47 - Healthy Hill-Fed Streams		
SW-M-125 Leverage the Waikirikiri restoration plan	On Schedule	Achievements: <p>The Selwyn River/Waikirikiri working group has presented the first draft and recommendations to the Zone Committee with a final report expected later in 2019.</p>
SW-M-124 Hororata biodiversity corridor	On Schedule	Achievements: <p>Hororata biodiversity corridor protection and enhancement, including mudfish habitat restoration and monitoring key projects progressing</p> <p>Successful mudfish protection barrier opening on 7June with project, industry partners and interested parties</p> <p>Site visits for FY20 IMS projects in Hororata corridor. Continued development of these projects</p>

(including wetlands, corridors and springs).

SW-O-48 - High Country Values

SW-M-126

High value high-country biodiversity projects

On Schedule

Achievements:

Fencing of Grasmere wetland as well as willow and weed control downstream via Lake Sarah in collaboration with University of Canterbury completed and audited. Currently working on a story with Communications.

Rakaia Gorge Collaboration project:

Ashburton and Selwyn Waihora zone teams as well as Selwyn District Council.

Survey of project area complete.

Final report complete by early July. Next steps to be discussed later in 2019.

Sensitive lake consents - all sensitive lake farmers have their consents granted; operating at GMP. This will be assessed through the follow-up audit.

SW-O-49 - Access to Safe Drinking Water

SW-M-127

Ensure NZ Drinking water quality and quantity community wide

On Schedule

Achievements:

Selwyn District Council (SDC) actively promotes sustainable use of water. Water metering is a big part of this process, as is summer water use education messaging.

98.4% of Council network has water meters installed.

SW-O-50 - Kaitiakitanga

SW-M-128

Engage with kaitiakitanga and Mahinga Kai throughout the zone

On Schedule

Achievements:

Achievements:

Synlait Milk board of directors noho marae at Taumutu, 29-30 November 2018

- Synlait incorporates mahinga kai within Lead With Pride farm programme

- Advise Federated Farmers, Ravensdown Environmental on mahinga kai and building staff awareness

- Keynote speaker at national FarmRight conference on mahinga kai

- Keynote speaker at AgriMagic AGM on mahinga kai and building staff awareness

- Work collaboratively with CAREX (University of Canterbury) on mahinga kai and building staff awareness / present at annual field days

- Keynote speaker at ESAI AGM on mahinga kai and subscriber staff awareness

- Guest lecture at University of Canterbury on mahinga kai and historical importance - Treaty and claim

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- Run field days for Fonterra on mahinga kai on-farm actions.

SW-O-52 - Relationships, Respect, Communications and Leadership

SW-M-133

Community Engagement

On Schedule

Achievements:

Working on farming, biodiversity, GMP, audit and mudfish stories with communications to align with Zone Committee's communications plan.

The Zone Committee's approach to convene in various locations (May meeting) across the zone shows leadership and closer engagement.

SW-M-134

Leadership and stakeholder relations

On Schedule

Achievements:

Youth: What could youth engagement look like in 2019? - Waterwise, Kids' Discovery Plantout support, exploring options for what shape the next Youth Zone Committee could take and when.

Exploring EnviroSchools attendance at July biodiversity themed zone committee meeting.

SW-O-53 - Compliance Monitoring Enforcement programme

SW-M-132

Deliver CME Priorities

On Schedule

Achievements:

o The Zone Team has tailored the 208/19 monitoring to include key consents across the zone. Significant work has been undertaken to ensure the list includes our zone's key priority consents. This will help ensure we are monitoring and reporting on key activities.

The key monitoring themes are waste water, storm water, drinking water, discharge to air and land, gravel takes, meat works, resource extraction works and land use operations.

o Seasonal pre-emptive site visits of land developments and other potential sediment risk sites to work with site managers on best practice.

o Seasonal odour and dust work has decreased with autumn and winter.

o Swimmable Selwyn @ Coes Ford catchment - whole farm/site approach to monitoring for the Silverstream catchment and work with consent holders towards 100% catchment compliance

o Incident response: stock in waterways, odour and dust are key focuses. Any intensively farmed land will be audited within the next year.