

WAIMAKARIRI WORK PROGRAMME - END OF YEAR PROGRESS REPORT 2016/17							
Ref	Outcome	Outcome description	Zone	Milestone reference	Milestones to achieve outcomes	Milestone status	Progress update for each milestone - as at 30 June 2017
1	Lower waterways - protection and enhancement	Instream ecosystems health, mahinga kai gathering and recreational use increases in Silverstream and Cam catchments by 2020.	Waimakariri	1.1	Sub-catchment management plans are completed for the Silverstream and Cam catchments.	On Schedule	<ul style="list-style-type: none"> Contractor Henry Hudson completed the Whakahume/Cam River report, which the Cam River Enhancement Sub-Committee has received. \$100,000 has been allocated to enhance and protect, and control sediment in, the upper Tuahiwi and Southbrook streams. Data collection from the Silverstream stream walk is almost complete. This data is giving detailed, cohesive information on the stream and will make it possible to update the community on the current stream status.
			Waimakariri	1.2	Community monitoring programmes established in Silverstream and Cam catchments by end of 2015 and 2017 respectively. Supported by wider monitoring, evaluation, reporting and implementation type initiatives.	On Schedule	<ul style="list-style-type: none"> In light of the other work being undertaken in the Waimakariri Zone, the scope of this project needs to be reviewed.
			Waimakariri	1.3	All farms have completed farm environment plans (FEPs) in Silverstream and Cam catchments.	On Schedule	<ul style="list-style-type: none"> Almost complete; nearly all farms have a farm environment plan in place and by the end of December 2017 all farms are expected to have one.
			Waimakariri	1.4	Small Holding Riparian Checklist' of good management practice (GMP) is agreed to and at least 50% of small holdings in both catchments have completed checklist.	On Schedule	<ul style="list-style-type: none"> Riparian Planting and Maintenance Guide is being updated and a Small Blockholders Environmental Planning workshop pilot is to start in August 2017.
			Waimakariri	1.5	All urban residents and businesses in Rangiora in close proximity to waterways feeding the Whakahume/Cam River sub-catchment have participated in a Pollution Prevention Programme.	On Schedule	<ul style="list-style-type: none"> Southbrook Pollution prevention project is currently being scoped with intent to launch by the end of 2017.
			Waimakariri	1.6	Protection in place for all large springheads.	On Schedule	<ul style="list-style-type: none"> The First 500 Programme is in place: nine significant springheads have been identified and approaches to landowners made, with six of those landowners currently working with Environment Canterbury to protect these areas. (The First 500 Programme is part of Immediate Steps biodiversity funding.)
		Mahinga kai food gathering standards are part of all catchment monitoring programmes by December 2017.	Waimakariri	1.7	Mahinga kai food gathering standards finalised and appropriate training in their use available.	On Schedule	<ul style="list-style-type: none"> Inanga (whitebait) spawning sites are being developed within the lower Taranaki Stream.
			Waimakariri	1.8	Mahinga kai food gathering standards incorporated into community/catchment monitoring programmes.	On Schedule	<ul style="list-style-type: none"> Mahinga kai food gathering standards are incorporated in all relevant projects. For more on monitoring projects, see progress update for Milestone 1.2.
2	Braided rivers	A work programme for the Rakahuri/Ashley River delivering improvements in overall braided river ecosystem health and recreational opportunities by 2020.	Waimakariri	2.1	Identify key values and threats within the Rakahuri/Ashley River catchment needing management to achieve ZIP priority outcomes.	On Schedule	<ul style="list-style-type: none"> Initial reports have been completed and presented.
			Waimakariri	2.2	Work programme agreed between Tūāhuriri Rūnanga, the community and all key stakeholders to deliver an agreed vision for Ashley River/Rakahuri, including key issues to be included in sub-regional work programme.	Behind Schedule	<ul style="list-style-type: none"> Being developed as part of the Solutions Programme with Tūāhuriri Rūnanga.
			Waimakariri	2.3	ZIP addendum setting out a coordinated approach for management of the Rakahuri/Ashley River.	On Schedule	<ul style="list-style-type: none"> Being developed as part of the Solutions Programme by the Zone Committee.
3	Nutrient management and water use efficiency	All farmers are operating at good management practice, and more collective groups are managing within nutrient limits by 2020.	Waimakariri	3.1	Confirm priority areas and high-risk farming practices to target.	Completed	<ul style="list-style-type: none"> Priority areas and high-risk farming areas have been identified by the Zone Committee, supported by the current state reports. The Zone team is targeting activities in those identified areas.
			Waimakariri	3.2	Encourage industry-supported extension programme.	On Schedule	<ul style="list-style-type: none"> Waimakariri Primary Industry Network Group has been established.
			Waimakariri	3.3	100% of farms in Orange Zones >20kg nitrogen losses per year have FEPs.	On Schedule	<ul style="list-style-type: none"> Good progress; almost achieved, with support of the Consent to Farm Campaign.
			Waimakariri	3.4	100% of farms in Red Zones >20kg nitrogen losses per year have FEPs.	On Schedule	<ul style="list-style-type: none"> Good progress; almost achieved, with support of the Consent to Farm Campaign.
			Waimakariri	3.5	All irrigated farms have FEPs.	On Schedule	<ul style="list-style-type: none"> Good progress; almost achieved, with support of the Consent to Farm Campaign.
			Waimakariri	3.6	Waimakariri Irrigation Limited has an Environmental Management Strategy. Auditing shows the objectives have been met (or significant progress).	On Schedule	<ul style="list-style-type: none"> Waimakariri Irrigation Limited has begun the auditing process.
		Urban and rural communities are implementing solutions to land and water management issues by 2020.	Waimakariri	3.7	Other existing Water User Groups and new water/land/nutrient management groups are supported to adopt <i>audited self-management</i> particularly when the sub-regional plan is in effect.	On Schedule	<ul style="list-style-type: none"> The Zone team is supporting teams to adopt audited self-management.
			Waimakariri	3.8	Zone is divided into management areas with established community of interest groups (Col Groups).	On Schedule	<ul style="list-style-type: none"> The Zone Committee is developing the most appropriate management areas.
			Waimakariri	3.9	Key values and threats identified in each management area and farmers have knowledge of the Matrix of Good Management (MGM).	Completed	<ul style="list-style-type: none"> Farmers are well aware of the matrix of good management and how this fits in with good management practice, which has been supported by the campaign.
			Waimakariri	3.10	High level of community engagement focus in the sub-regional plan development between timeframe (June 2016 - December 2017).	On Schedule	<ul style="list-style-type: none"> Consultation plan being developed for a draft Zone Implementation Programme through regular community meetings.
4	Water supply	Greater numbers of residents in the zone have access to drinking water supplies that meet the New Zealand Drinking Water Standards. A water storage solution is identified to provide for Rakahuri/Ashley River flows and reliability for surface water irrigation by 2020.	Waimakariri	4.1	Existing drinking water supplies are upgraded to provide drinking water that meets the New Zealand Drinking Water Standards.	Completed	<ul style="list-style-type: none"> Drinking water supplies meet national standards and continue to be monitored.
			Waimakariri	4.2	Complete analysis for viability of a storage solution that will help deliver the ZIP priority outcomes.	On Schedule	<ul style="list-style-type: none"> On hold as agreed with Zone Committee.
5	Biodiversity	Integrated stakeholder awareness and engagement in biodiversity planning and management in the district by 2020.	Waimakariri	5.1	Establish a biodiversity working group with multiple stakeholders in the district for the purpose of sharing knowledge and information.	Completed	<ul style="list-style-type: none"> Established a biodiversity working group of key stakeholders in 2015.
			Waimakariri	5.2	Develop a strategy for protection and management of biodiversity in the district.	On Schedule	<ul style="list-style-type: none"> A Biodiversity strategy is being developed for the Waimakariri, to be completed by the end of 2017, as part of the Solutions Programme.