

# Overview Proposed Technical Work Program Manuherekia Rohe Plan Change 2019-2020

**Manuherekia Reference Group**

**15 October 2019**

# Project timeline

Previous  
community  
engagement

12 July MRG

8 Aug MRG – Kai Tahu Values

**11 Sept – MRG – History of water use and conservation values**

Early Sept – NIWA models completed

26 & 27 Sept – Values and futures consultation

**15 Oct – MRG – COES, F&G, F&B values**

Oct – Analyse community and stakeholder feedback

**19 Nov – MRG – Hydrological models & Values consultation feedback**

**Nov to April - Technical work programme**

**Dec to March – MRG – Scenario development & Manuherekia Choices**

April – Consultation on Manuherekia Choices

**May – MRG – Manuherekia Choices Feedback**

March-Jun Plan drafting

**August 2020 - Plan  
notification**

# Scope

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Hydrology and  
Ecological work

Economic & Financial Impact  
Assessments

Other assessments





# Hydrology program

Maintenance of existing 13 flow recorders.

Longitudinal gauging of main-stem, targeting flow recessions

Monthly gauging in key locations in Lauder and Thomson's Creek

Install water level recorders



# Ecology Program

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Salmonid habitat use

Longitudinal fish survey

SOE monitoring





# Economic/Financial Assessments

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On farm impacts: ORC

Catchment scale impacts: MRL?

District wide impacts: CODC?



# Other Assessments

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## Recreational assessment

Identifying recreational values and flow preferences

## Natural Character/Riverscape Assessment

(Identifying natural character and assess impacts of various flow regimes)

Cultural values and flow preference study

Social Impacts Assessment?

