

CASE STUDY



Regional Infrastructure Fund (RIF)

Waikato
REGION

\$0.324m
CONTRACTED

2026
COMPLETED



Waikato Regional Council – Mangatāwhiri Pumpstation Upgrade

This RIF project upgraded the Mangatāwhiri pumpstation to enable safer access for maintenance and improved resilience to high rainfall events.

Background

This project is part of a wider programme to improve flood protection across the Waikato region.

The upgrade included improvements to the pumpstation inlet and the installation of an isolation gate so the pump can be safely accessed for maintenance.

The project also included replacing the platform, inlet and screening system.

Overall, the upgrade improves safety for operators and makes the pumpstation more resilient to increasingly frequent and high rainfall weather events.

Performance

Construction was initially delayed by one year due to early design issues, which resulted in a delay to the supply of precast materials.

The delay enabled a thorough project review to address design concerns. The design was adjusted after peer review to deliver a more fit-for-purpose solution that considered health and safety factors.

Construction recommenced under a revised design and schedule, with the project completed in March 2026 as agreed.

The full benefits of the upgrade will be demonstrated over time, particularly during future flood events and evolving climate conditions.

Learnings

Be cautious of looking to reduce design costs by engaging firms without direct experience in flood management infrastructure. Ensure there is experienced client-side project management, otherwise this can lead to issues that require more time to fix.

Variations

Time variant due to design and supply issues, as well as environmental and consent requirements. Benefit variants due to design changes improving water management, structural integrity, capacity and accessibility.

Benefits*

The benefits include:

More resilient infrastructure due to operational and structural improvements. Rating: HIGH. Duration: 50 yrs.

Improved safety due to access improvements. Rating: MEDIUM/HIGH. Duration: 20-50 yrs.

Better storm management and flood protection due to improved operation and access. Rating: MEDIUM. Duration: 20 yrs.

Better environmental management due to improved water management. Rating: MEDIUM. Duration: 50 yrs.

Benefits to outcomes**

The project fits to the following intended outcomes of the RIF:

Increased flood protection due to structural and operational improvements, and better water management.

More local jobs, especially for unemployed due to main contractors employing locals and Māori.

Increased private investment in local economies by engaging local businesses that support local employment.

Reduced impacts of natural disaster due to structural and operational improvements providing flood and earthquake resilience.

Strengthened local and Māori communities by protecting local and Māori land and businesses.

Increased local productivity due to improved resilience supporting viability of local farm production.

More highly skilled workers in water infrastructure, due to knowledge and skills gained by people employed on the project.

KEY INFO

Grant

FUND TYPE

\$0.324m

CONTRACTED

\$0.326m

CO-FUNDED

\$0.650m

TOTAL VALUE

4,851

HOURS WORKED

3.1

ANNUAL FTES

93%

LOCAL

9%

MĀORI

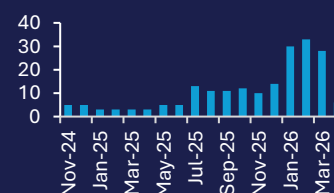
Nov 2024

START

Mar 2026

END

TOTAL MONTHLY
EMPLOYEES



* Benefits of each project are rated HIGH, MEDIUM or LOW with an estimated duration. Not all benefits may be included.

** Benefits to outcomes include the RIF outcomes the project fits to either fully or partially. Not all benefits may be included.

Notes on KEY INFO: Employment figures use recipient Monthly Reports of employment and hours worked. One annual FTE is equivalent to 1,560 hours and may be spread across multiple employees. Percentage local and Māori are of the total monthly employed. Start dates are contract start dates and end dates are construction end dates (approximate).