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Te Kāwanatanga o Aotearoa



**NATIONAL
INFRASTRUCTURE**
FUNDING AND FINANCING

RURAL DRINKING WATER

30 SEPTEMBER 2024



Kaitoke Outdoor Adventure Centre, Upper Hutt

RURAL DRINKING WATER OVERVIEW

CROWN INFRASTRUCTURE PARTNERS (CIP) WAS APPOINTED BY THE GOVERNMENT TO WORK WITH THE DEPARTMENT OF INTERNAL AFFAIRS (DIA) TO DELIVER A \$30M RURAL DRINKING WATER PROGRAMME.

This programme primarily supports providing safe, affordable, and reliable rural drinking water to marae, Te Kōhanga, and Papakāinga, and other rural communities that are in areas of high deprivation and connected to council drinking water supply.

After a successful pilot phase in 2022, the Rural Drinking Water programme is now underway across the motu. It continues to provide treatment systems alongside training and maintenance to provide safe drinking water and also meet new regulatory requirements from Taumata Arowai. The sites have a range of water sources, including lakes, streams, rivers, springs, and roofs. Very few had any form of water treatment though, meaning communities are drinking untreated and possibly unsafe water.

The programme also equips local communities with the necessary knowledge to maintain and operate the treatment plants themselves. Following installation, all equipment will be owned by the rural drinking water supplier.

CIP delivered six initial sites in the pilot programme in partnership with Filtec who will also deliver the full programme. Filtec completed 51 new water treatment plants for communities by the end of FY24.

OUR TARGETS



INSTALLATIONS

~90



**GOVERNMENT
FUNDING**

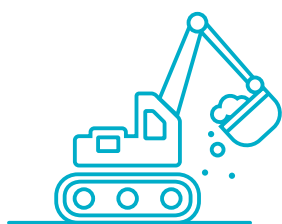
\$30.0m



**INSTALLATION
SATISFACTION**

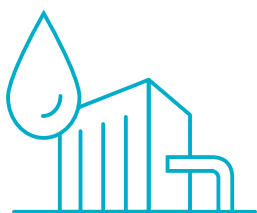
80%

QUARTER HIGHLIGHTS



INVESTIGATED

1



INSTALLATIONS

15



COMMISSIONED

11



GOVERNMENT
FUNDING*

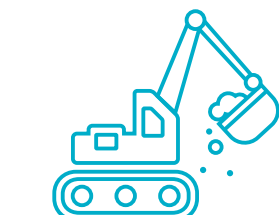
\$2.7m

OVERALL PROGRESS



REGISTERED**

216



INVESTIGATED

111



INSTALLATIONS

66



COMMISSIONED

57



TANKS INSTALLED

100



GOVERNMENT
FUNDING INVESTED*

\$15.1m



INSTALLATION
SATISFACTION

83%

* Includes CIP opex funding

** One site was split into Marae and Papakāinga

SITE WATER SOURCE

PROGRESS TO DATE



DAM OR LAKE

INVESTIGATED: 5

INSTALLED: 3



RIVER OR STREAM

INVESTIGATED: 42

INSTALLED: 26



BORE SUPPLY

INVESTIGATED: 28

INSTALLED: 17



SPRING

INVESTIGATED: 22

INSTALLED: 14



ROOF WATER

INVESTIGATED: 6

INSTALLED: 2



OTHERS

INVESTIGATED: 8

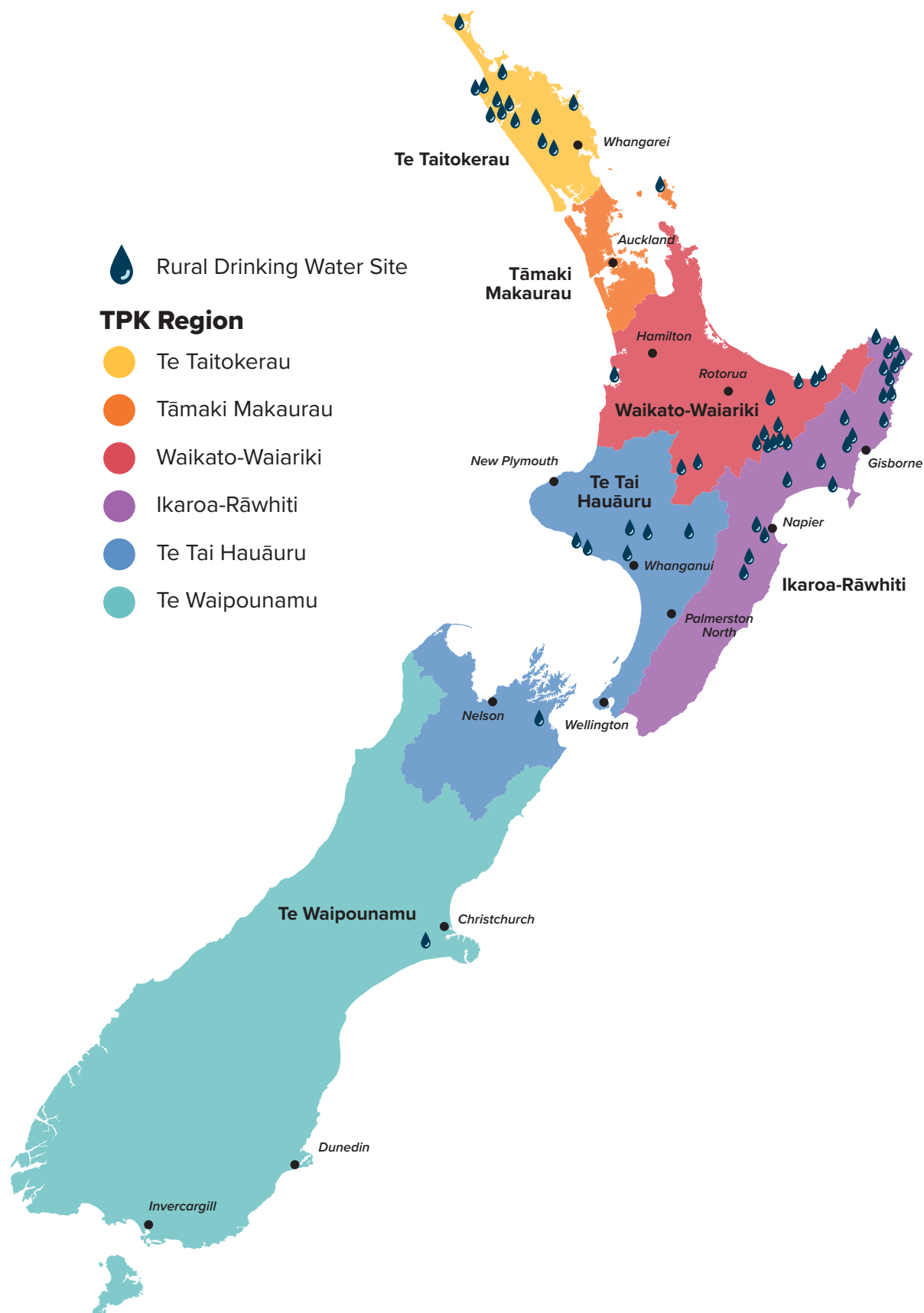
INSTALLED: 4

WATER TREATMENT

PLANT SIZE

	INSTALLATIONS
25 cubic metres per day	6
50 cubic metres per day	37
100 cubic metres or more per day	23
TOTAL	66

DRINKING WATER SYSTEMS INSTALLED



RURAL DRINKING WATER CASE STUDY

PARAPARA MARAE, NORTHLAND

PARAPARA MARAE IS SITUATED APPROXIMATELY HALF AN HOUR SOUTH OF KAITAIA. IT IS THE HOME OF NGĀTI TARA – A COMMUNITY WITH GREAT SPIRIT WHICH HAS BEEN ERODED BY A LACK OF CLEAN DRINKING WATER.

The marae itself was closed for events for well over a year, as they could no longer provide water to guests. This heartbreakingly included tangihanga for their own whānau. Their bore pump had burnt out and their water treatment plant was not able to be used due to its age. The last straw was one of their tanks splitting at the commencement of a tangihanga, so that even tankered water was not an option for them.

National Infrastructure, through the Rural Drinking Water Programme, have provided a water treatment plant, some additional tanks – the marae bought two new ones themselves – and have connected the marae to roof water as well.

Unfortunately, a new bore pump was out of scope. However, Filtec's local provider, Patrick White, was generously able to provide a new bore pump at no cost to the marae to get the water to the plant.

Clean, safe drinking water is now flowing at Parapara; people are coming back to the marae; buildings are being maintained; and even the wharenuī roof is being scrubbed to ensure the rainwater is as clean as it can be before treatment. It is a community full of life again.

Callie Corrigan, a trustee from the marae, stated “ In the past two months, we held wānanga where, for the first time, we did not run out of water. Thanks to earlier initiatives of acquiring two new tanks, we have now achieved having clean drinking water. A HUGE ACHIEVEMENT when you consider we have been closed to E.coli recently, and continually had to purchase water to manage hui. However, as a hapū we still have some work to do to build confidence among our whānau that, for the first time in years and years and years, the water is drinkable and safe.”



Parapara Marae, Northland.