

# Redoubt Road Reservoir Complex

Project update



## VoC – your feedback on weed and pest control

We recently sent out a request to hear your feedback regarding the Redoubt Reservoir Project. From this we were made aware that there are concerns about the increasing number of weeds along the Redoubt Road berm and pests invading private properties from our site.

In response, you will be pleased to know that we have set up a programme which will tackle both these concerns, so you will hopefully see an improvement moving forward.

The Voice of the Community (VoC) is an ‘always on’ survey which means we can respond to your concerns and compliments as they are received. We previously sent these out at the end of the project which mean those golden opportunities for improvement were not captured.

To those who responded, thank you. For those who would like to, the link is below.

[www.watercare.co.nz/aucklandprojects](http://www.watercare.co.nz/aucklandprojects)

or scan the bar code

Tell us how you  
really feel!



## Project update – the big concrete pour!

At 8200m<sup>2</sup>, the floor slab of the new No.1 reservoir is so vast, that to pour the concrete to an industry standard, means that it needs to be undertaken in four stages – a quarter of the floor each time.

The first of the four concrete pours was completed in perfect weather conditions, in early November. Due to the requirement for controlled curing rate (don't want it to be too hot nor too cold), the number of concrete delivery trucks and consideration of traffic peak hours, and ambient temperatures, the work commenced at midnight with the first truck coming to site at about 1am.

After about 110 concrete trucks, 10 per hour, and 530m<sup>3</sup> of concrete delivered, the

crew were able to finally get home for some well-deserved sleep at around midday the following day. The photos show what a raving success this milestone was, and the lessons learnt have been valuable to take into the second quarter pour which was on 4 December 2022.

The last two quarters are programmed to be poured on the nights of 11 January and 12 February 2023.

The reservoir is 106m long, 77m wide, 8m high and will have of 650 tonne of steel reinforcing. It's 45 million litre capacity will bring the total capacity of the Redoubt Road complex to 165 million litres when the \$60 million project is completed in June 2024.



### Did you know?

The new reservoir storage capacity is **45 million litres**



equivalent to **18 Olympic sized swimming pools**

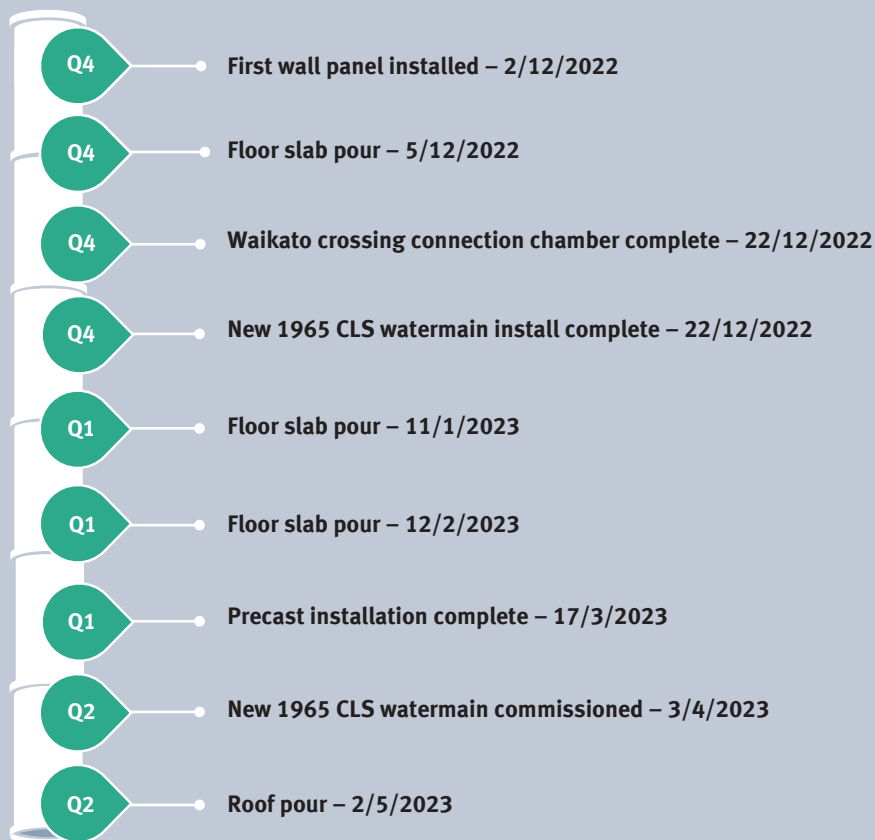
Current average water usage in Auckland is **approximately 400 million litres per day** with a peak of **500 million litres in the summer**

Completion **June 2024**



The estimated cost for the project is **\$60 million**

## Project timeline milestones over the next six months



## Shutdown period

The Redoubt Road Reservoir site will be closed over the Christmas break with security making the occasional visit to ensure all is ok.

Close down – midday, 23 December 2022

Start up – 7am, 9 January 2023

If you have need to speak to anyone during this period, please call the Watercare contact number, 09 442 2222. There is also a chatbot where you can also log your concerns.

We wish you a very Happy Christmas and a safe holiday season from us to you!

