

# Dunkirk Road wastewater upgrades

Catering for population growth by improving your wastewater services

Watercare has recently started works on Dunkirk Road to build a new pump station and gravity pipeline. These works will enable further development and service a growing population while reducing the risk of overflows into the Tāmaki River.

## What will the works entail?

### Stage 1: 2021 to 2024

#### A new pump station with wet-weather storage

The new pump station will increase pumping capacity and wet-weather storage to prevent overflows. The site on corner of Dunkirk Road and Tangaroa Street has been chosen to future proof against sea level rise and also to reduce impact on the amenity of the waterfront reserve. On completion of the new pump station, the old pump station currently situated on Riverside Reserve will be deconstructed, and the land returned to open space. Construction of the new pump station is likely to take six to eight months.

#### A new gravity pipeline on Dunkirk Road

We will build a new larger pipeline along

Dunkirk Road from Johnson Reserve to the new pump station to cater for increases in population from development in the area.

### Stage 2: Estimated 2026

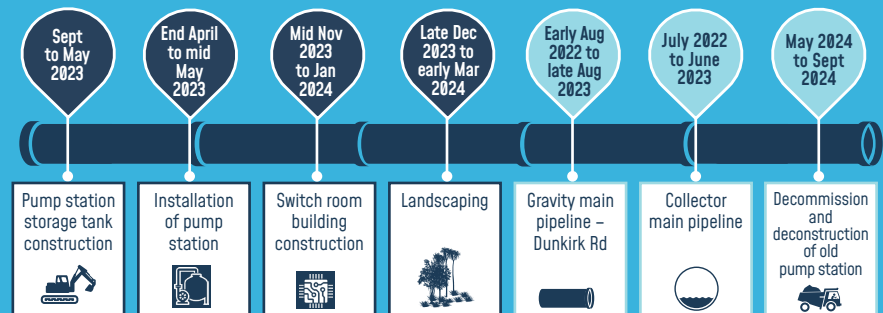
#### A connection pipeline to the Eastern Interceptor

Wastewater flows are currently pumped from the pump station toward Point England. This new pipeline connection will create a more direct route for the increased flows into the Eastern Interceptor near Jellicoe Road.

#### An extension to the new gravity pipeline on Dunkirk Road

We will build another 400m of new larger pipeline along Dunkirk Road, from Johnson Reserve to Mauinaina Reserve.

Timeframe June 2022 to September 2024



## Kobelco TK750G – The telescopic crawler crane

You may have noticed this grand lady onsite at Dunkirk. She came to site recently to work on the sheet piling works with the style and grace only a lady can deliver.

Did you know that construction machinery is always feminine? Tradition relates to the idea of a female figure, such as a mother or goddess guides and protects the crew and the project. Or, maybe it is because it is so powerful and unpredictable?

For the sake of pronouns, let's just call her Bel. This 75.5 tonne gal has a lot of work to do in the coming months.

Bel's primary task is the installation of the sheet piling for the new pump station site. As we are digging pretty deep to install the new pump station and tanks, we need to ensure that the earth is retained. The interlocking

steel sheets will be installed by vibrating the sheets into place. This will then support the ground for the crew to work safely in the space without fear of collapse.

This work will take place between September 2022 and November 2023 and as this work will be noticeable, our team will ensure that we communicate with you regularly to provide updates of progress and to ensure your wellbeing.

Let's celebrate the ginormous task Bel will be taking on as it indicates the start of a beneficial project to help provide more wastewater servicing for the increasing population and reduction of the overflows into the Tāmaki River.



## Saving the environment, one board at a time

Caring about Auckland's future and becoming fully sustainable is a strategic priority for Watercare. With the ambitious target of reducing emissions by 50% by 2030, we are constantly seeking new ways of resource recovery and waste reduction.

Reimagining how we do things provides an opportunity to utilise new products, like saveBOARD. Available since April, this sustainable building material is made from upcycled packaging making it low carbon and more affordable. As all recovered offcuts and end of life products can be remanufactured

into new boards, it also supports a circular economy.

The Hamilton based manufacturing plant can upcycle 4,000,000kg of packaging waste per year into low carbon sustainable building products which provides a green alternative to the traditional building materials, such as hoardings.

A hoarding is primarily used to separate the public from the construction site and to prevent unauthorised access improving site security and public safety. Having secure

fencing along the site perimeter allows controlled access to the site for contractors and provides a location to communicate health and safety information fulfilling compliance requirements. These panels also provide the perfect backdrop for artwork and messaging to inform the community about the project.

The hoardings at the Dunkirk project, which surround the perimeter of the new pump station, will be in place for the duration of the pump station build.



## Benefits of the project

Caters for population growth



A new pump station for wet weather storage



Bigger pipes

Helps reduce wastewater overflows into the Tāmaki River





# Project Open Day



We would like to invite you to our Project Open Day at the Fulton Hogan laydown site on the reserve, 29 October from 10am – 2pm. Representatives from Watercare and project contractors, Fulton Hogan, will be onsite to say hi and answer your questions. There will be information available about some of our other projects, activities for the children and refreshments...we may even get our project manager to cook up some barbecued snags!

**More information will be available in the near future however it would be great to see you there, so save the date.**

## Tell us how you really feel!



We want to make sure that we are continually improving how we deliver our projects to better benefit Auckland's communities.

Please let us know what we did well and where we can learn to do better. Your feedback and opinions matter to us.

Take the survey online:

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



### Keep in touch

*Want to find out more about this project? Visit*

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

*If you have any questions about this project reach out to us at*

[dunkirk@water.co.nz](mailto:dunkirk@water.co.nz)