

Dunkirk Road wastewater upgrades

Improving the wastewater network in Panmure



Members of the public enjoying Tāmaki River, Point England Reserve (photo: Theo Leach)

Why is the project needed?

We have started a project to upgrade the wastewater network which will cater for the current and future growth in Panmure and surrounding suburbs. In the next 50 years, the population in the area is expected to grow by more than three times due to planned development. The wastewater network is already reaching capacity and during heavy rainfall can overflow into the environment, including the Tāmaki River.

Project overview

The upgrades will include a larger local pipeline down Dunkirk Road from Panmure, a new pump station with additional wet-weather storage at Tangaroa Street, and a new pipeline connection to the Eastern Interceptor. The project is aiming to be delivered by 2030, with the first stage of the project starting soon – to realise immediate benefits.

How will this project affect you?

- During construction of pipelines in the road, there will be traffic management to direct traffic around the works – we will notify the public of any traffic management and layout changes prior to construction
- Construction sites will be fenced for the safety of the public
- The works will generate some noise, vibration and increased construction activity at our sites
- Working hours will be 7am to 6pm Monday to Saturday.

Benefits

Caters for
**population
growth**



A new
**pump station
for wet-weather
storage**



**Bigger
pipes**

Helps reduce wastewater
**overflows into
the Tamaki River**



Overall cost
\$49 million

What will the works entail?

Planning and consents

Early to mid 2021

Stage 1: 2022 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 the 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 back to open space.

A new gravity pipeline on Dunkirk Road

We will build a new larger pipeline along Dunkirk Road from the new pump station to Johnson Reserve to cater for increases in population from development in the area.

Future works: Timing to be confirmed (between 2025-2030)

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.



What happens next?

We have undertaken the investigations and design over the last twelve months and are now working toward construction.

We have engaged contractor Fulton Hogan to undertake the construction of the project. The first part of the works for the pump station and gravity pipeline will aim to start in March 2022 and take approximately 18 months to complete.

There are a number of land owners who will be affected by the works to connect their property pipelines into the new gravity wastewater main pipeline down Dunkirk Road. We will continue to work with all property owners and those who live near the work to keep you informed of what the works entail.

Any questions regarding the project?

If you have any questions regarding the project, please contact us on:



Email: Dunkirk@water.co.nz

If you wish to stay informed about the project and receive our newsletters, please email “sign me up” to Dunkirk@water.co.nz

Regular updates can be found by visiting:



<https://www.watercare.co.nz/About-us/Projects-around-Auckland/Dunkirk-wastewater-upgrades>