

CENTRAL INTERCEPTOR BULLETIN

Dundale Avenue site, Road Berm, 68-78 Dundale Avenue, Blockhouse Bay

We're building the Central Interceptor, a super-sized wastewater tunnel to reduce overflows, creating a better environment for you to enjoy.

Dundale update

Our Dundale Avenue site has been returned to green grass after more than three and a half years of construction and tunnelling as we build Watercare's Central Interceptor. This is the first site to be restored on the 14.7km long tunnel with 16 construction sites. So much has happened in this time including Covid shutdowns and delays, changes to the design, cranes of every shape and size on site, construction of a noise reduction hangar and thousands of manhours and mahi.

Very little obvious evidence remains of the shaft, chambers and tunnels below the surface. (See a photographic timeline on the reverse side)

All that remains are a couple of man-holes and a small patch of concrete. We will plant 14 trees during the next planting season to replace trees that were removed for our construction.

Planting in the right season helps the trees flourish and survive. The proposed species will provide both shade and colour to the area and were selected after consulting Council's Parks team, land-owner Auckland Transport and some of our near neighbours.

Thank you very much for your support and understanding while we changed your lovely greenspace into a construction site. We have achieved so much in this time and greatly appreciate your patience as we build New Zealand's biggest wastewater tunnel to achieve cleaner beaches and waterways for central Auckland.



Achievements

26m deep shaft

74 drilled secant bored piles to create the shaft

Micro Tunnel Boring Machine (mTBM) launch site for Link Sewer C

Rerouted tunnel to remove the need for another site on nearby Whitney Street

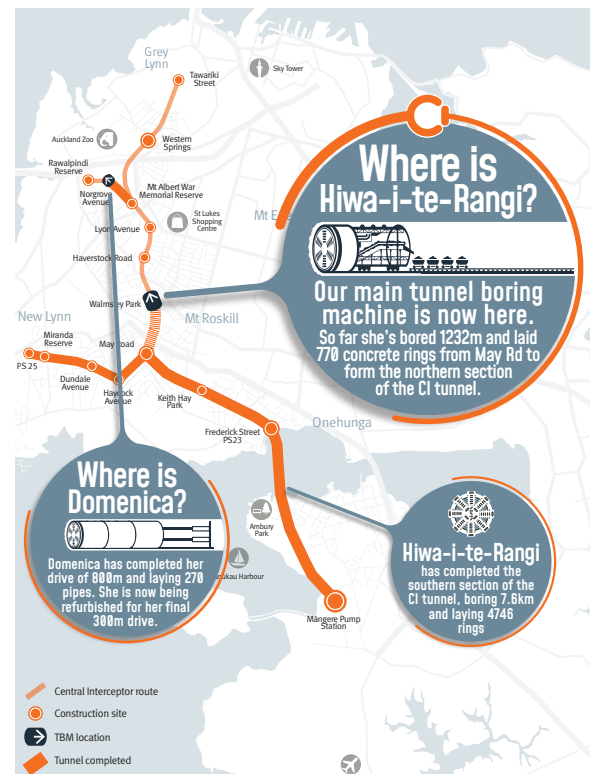
715m long underground tunnel from Dundale Avenue to 4 Haycock Avenue

1187m long underground tunnel from Dundale Avenue to Miranda Reserve on Blockhouse Bay Road, the longest pipe-jacked section on the project

Tunnel progress

Check out our website which now has a weekly update of the TBM's progress. <https://www.watercare.co.nz/Central-interceptor/Constructing-the-Central-Interceptor>.

You can also follow us on Facebook, or Instagram.



- Total poured concrete use at Dundale: **2,655.12m³**
Does not include any precast concrete
- Total electricity use at Dundale: **521,282 kWh**
This is grid electricity and does not account for any diesel generator use
For context, the average kiwi home uses approx. 7,000 kWh in a year
- Total water use at Dundale: **6,906.2812 kl**
For context, average Kiwi uses 227 litres so 0.227kl of water a day



August 2019

Pre-work



July 2020

Meet the Contractor



January 2021

Secant piling: shaft



May 2021

Shaft blessing



August 2021

Shaft drilling complete



March 2022

Noise shed constructed



November 2022

Tunnel near Dundale



July 2022

Lowering mTBM



July 2023

Installing shaft liners



July 2023

Aerial photograph

Any questions?

For up to date information please see our website:

www.centralinterceptor.co.nz

You can also email us at: ciproject@ga-jv.com

Or phone: 0800 GAJV 02 (0800425802)

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