

CENTRAL INTERCEPTOR BULLETIN

Miranda Reserve, 339-351 Blockhouse Bay Road, Blockhouse Bay

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

Site update

Our Miranda 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 second site to be restored on Link Sewer C.

So much has happened in this time including Covid shutdowns and delays, cranes of every shape and size on site, tunnel boring machines breaking through and thousands of hours of hard work.

The existing playground was removed and shipped to a school in Vanuatu. The local community was very happy with this gift from NZ. An alternate playspace was created nearby on Miranda Street after consulting with the local community. This new space has been very well used. Auckland Council is managing the construction of a new playground, partly funded by Watercare.

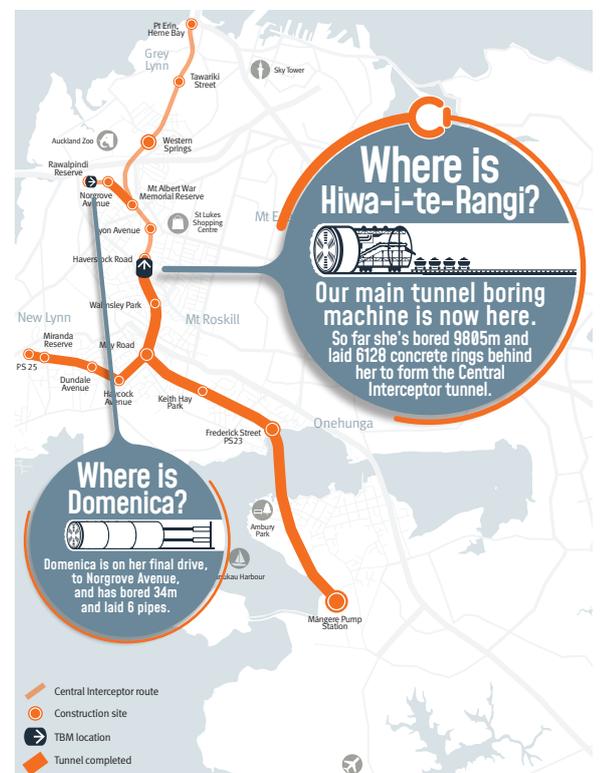
Thank you very much for your support and understanding while we changed your lovely greenspace into a construction site. We have achieved so much in this time and greatly appreciate your patience as we build New Zealand's biggest wastewater tunnel to achieve cleaner beaches and waterways for central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



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.



Achievements

14.6m deep 4.5m wide shaft

68 drilled secant bored piles were used to create the shaft

Reinforced concrete chamber at the front of the site for future network upgrades

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

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

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

They did all of this while drinking their share of the **1,894kg** (or 1.894t) coffee beans or the **1,223kg** (or 1.223t) hot chocolate consumed each year across the project!

- Total poured concrete use: **1,238.2m³** (Does not include any precast concrete)

- Total electricity use: **25,847 kWh** (This is grid electricity and does not account for any diesel generator use. For context, the average kiwi home uses approx. 7,000kWh in a year)

- Total water use: **977 KL** (For context, the average Kiwi uses 0.227kl of water a day)



Work begins on site as we remove the playground



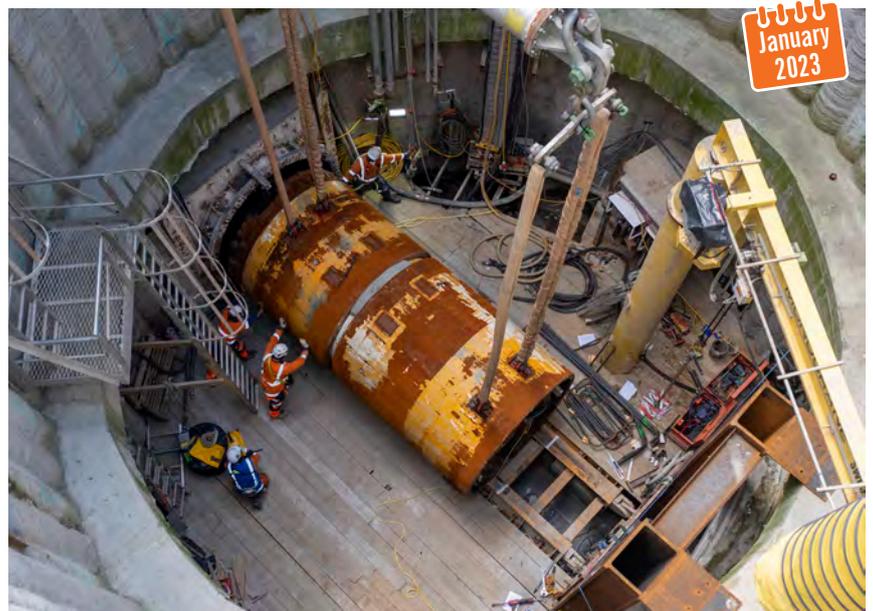
Excavations begin on chamber



MTBM breakthrough



Installation of shaft liner



MTBM lowering on its last link-sewer drive



Tunnel to PS25 completed



Welding the cascade shaft into place



Playground in Vanuatu

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)

follow us: [@gajv_nz](https://www.instagram.com/gajv_nz) [@GAJV](https://www.linkedin.com/company/gajv)