

CENTRAL INTERCEPTOR BULLETIN

Western Springs site, Great North Road, Grey Lynn

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 Western Springs site team has been busy since we came to site late last year. We have completed our site establishment works, including our haul roads, and have installed the ball retention nets. These nets enable rugby to continue through the winter without a lot of balls ending up on our site. We have also set up a ball return letterbox so we know who to return the ball to.

We have almost completed excavation of our shaft to a depth of 30 meters. We have been working with the Auckland Stadiums team to ensure that the impact of our work on the summer series of concerts and speedway is kept to a minimum. Our street art wall is proving popular and is well used by local artists.

What is next

We are continuing work on options to reduce the amount of traffic on Stadiums Road. This may involve alterations to other parts of the local roading network but we will keep you informed of changes when they are finalised.

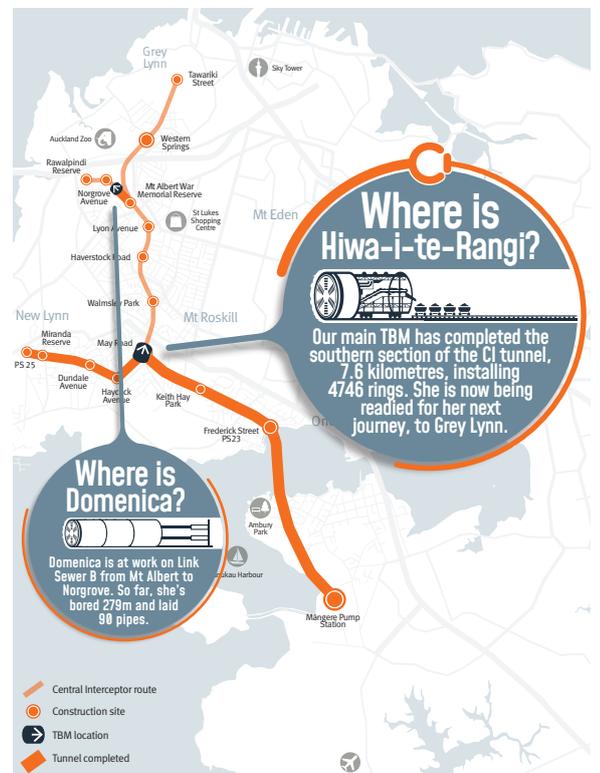
Work will also start on the two chambers that collect the local networks and divert them to the main shaft. We will begin with the bifurcation chamber adjacent to the Bullock Track and connect that to the shaft, then we will start the chamber on Stadium Road early 2024 to work in and around the upcoming speedway and concert season.



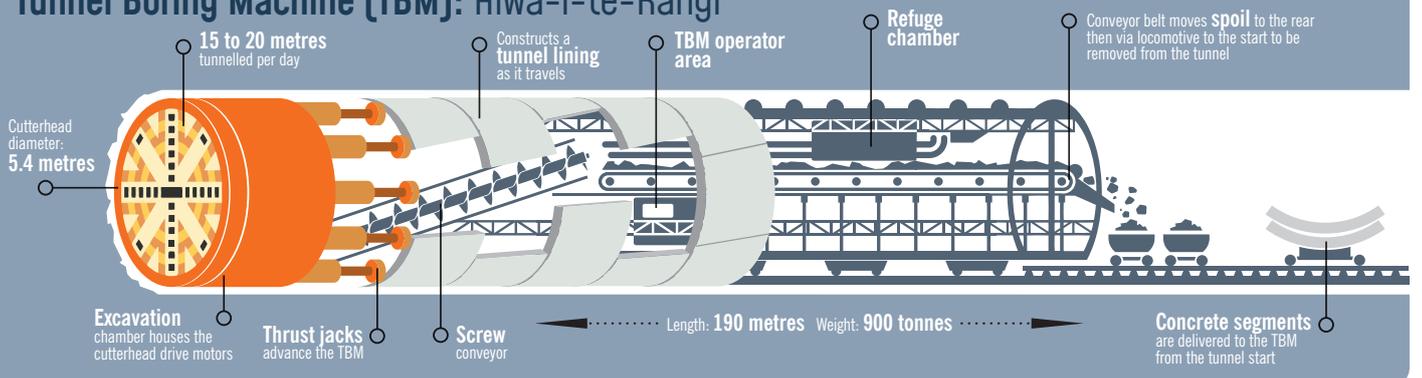
Tunnel progress

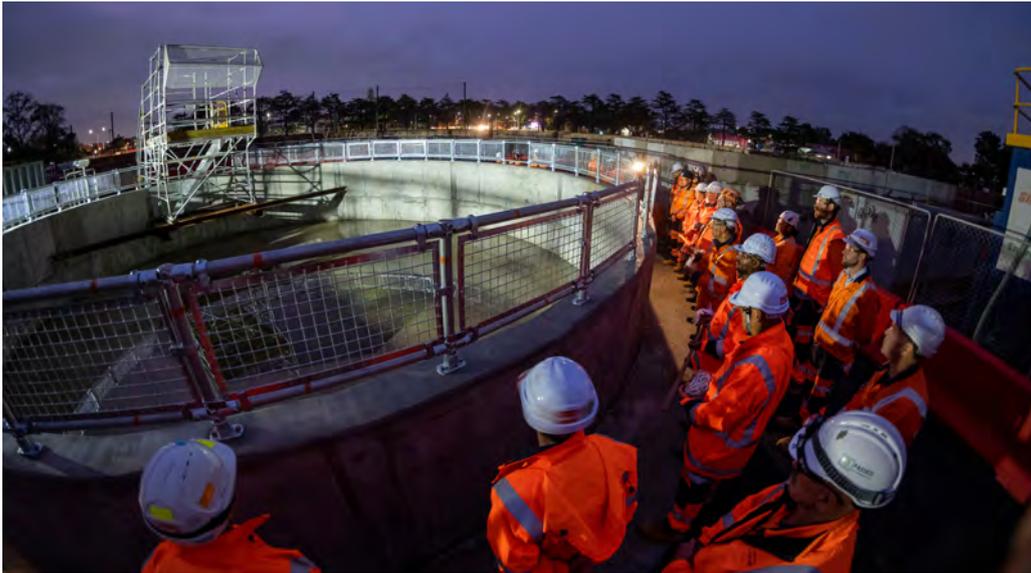
Check out our website which now has a weekly update of the TBM's progress. <https://www.watercare.co.nz/Central-interceptor/Constructing-the-Central-Interceptor>.

You can also follow us on Facebook, or Instagram.



Tunnel Boring Machine (TBM): Hiwa-i-te-Rangi





Dawn blessing

Before we start excavating our shaft and taking our workers underground, we traditionally hold a private dawn blessing ceremony. This is to recognise the disruptions to the earth and those working below it, focusing on the people, safety and connections to the land.

This blessing is carried out to honour Maori beliefs and Tikanga. Our ceremonies are carried out by our Kaitiaki Maori representative who acts as a carer or guardian looking after the natural world and environment. Check out the amazing photo from the ceremony.

Who it takes to build the Central Interceptor

The Central Interceptor project stretches across 16 sites from Māngere to Grey Lynn. Each of these sites has a team of people working on various activities and construction stages. There are numerous jobs on this project, each requiring different skills, backgrounds, experience and qualifications. This regular feature will give some insight into one of the many important roles on the project.

Quality Engineer

What is a quality engineer?

A quality engineer monitors and tests the quality of the products, materials and processes on the project. They ensure that all the documentation and works carried out are compliant with the project's contract, drawings, specifications, standards and procedures. They essentially ensure that everything on site is carried out according to plan.

What qualifications do you need for this role?

A degree in engineering and construction experience.

What are some of the daily activities of a quality engineer?

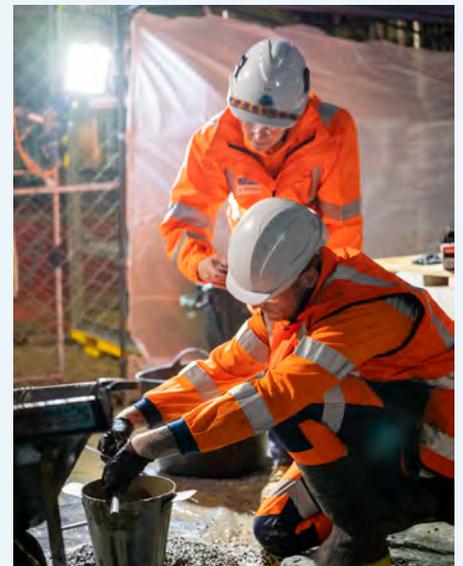
Our quality engineers have many responsibilities on the Central Interceptor project. They review documentation, provide support to the construction team, analyse specifications, study construction drawings, carry out audits and address any non-conformances with the site teams and conduct inspections on materials used on site. Just to name a few!

What are the challenges of this role?

Most of our sites on the CI project share similar construction requirements, such as shafts, chambers, manholes and sewer and stormwater connections. This means that lessons learned from one site can be applied to the others. There are occasions on the project when the quality of a component may not be up to the required standard and it is the quality engineer who will lead the investigation and ensure the issue is resolved before the work can continue. Whilst they can be challenging to overcome, these incidents are opportunities to learn and grow from mistakes. They help raise awareness among teams at other sites about potential quality issues and provide insights on how to prevent them in the future.

Is there anything about this role that would surprise people?

You might be surprised to know the history of quality assurance starts in World War II, when ammunition had to be tested for performance. Nowadays, the end purpose of QA is to correct potential errors before they affect a project or product before being released.



Any questions?

For up to date information please see our website:

 www.centralinterceptor.co.nz

You can also email us at:

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Or phone:

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