

CENTRAL INTERCEPTOR BULLETIN

Norgrove Avenue site, Norgrove Reserve

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

Site update

Construction at our Norgrove Avenue site has been progressing well following the completion of the 29m-deep shaft. The Norgrove team has started the Stage 2 works, as we await the micro-tunnelling team's arrival. Stage 2 involves constructing three retaining walls in the reserve, constructing a working platform, and beginning the manhole chamber work in the reserve. The platform provides a safe working area for machinery and crew to work from and reduces the risk of ground movement.

Over the next six months the Norgrove site will be a hive of activity with the ongoing Stage 2 works and micro-tunnelling taking place simultaneously.

Micro-Tunnel Boring Machine (Domenica)

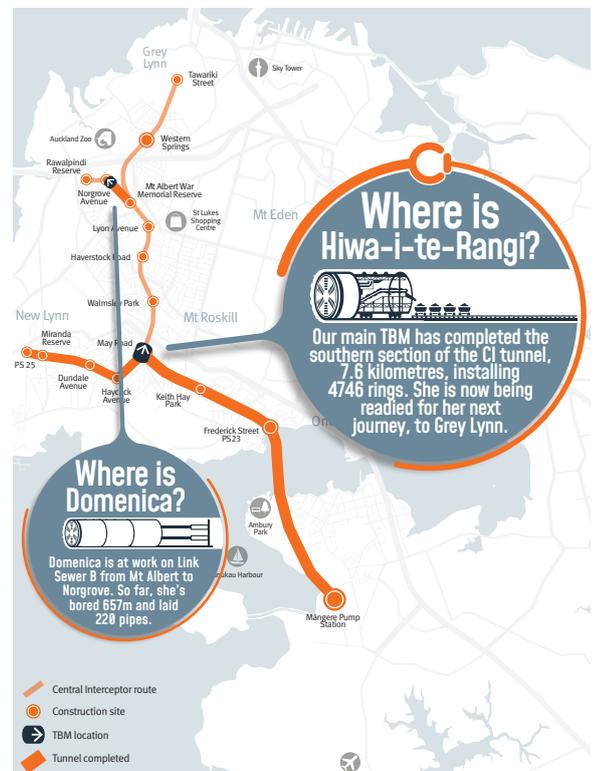
Domenica is due to complete her first drive on Link Sewer B (LSB), arriving at the Norgrove Avenue site in late November. The 2.8m-diameter micro Tunnel Boring Machine will have excavated the 800m from our Mt Albert War Memorial Reserve site. Domenica will be relocated to the Rawalpindi Reserve site to be launched in the new year, to begin the second and final drive of the LSB. This second breakthrough at Norgrove Avenue is expected in early April 2024.



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.



TELL US HOW YOU REALLY FEEL

Take the online survey at: www.watercare.co.nz/aucklandprojects or scan the QR code

Norgrove achieves Beacon Site Standards

Our sites are well-organised and safe by any measure, but we want them to be the very best the industry has to offer and in doing so leave a legacy for others to follow.

Our Beacon Site initiative recognises that the construction site has achieved the highest possible level of standards and includes a focus on site set-up and welfare, documentation, plant and equipment, PPE compliance, environment, sustainability, and stakeholder awareness.

Our focus on safety must be relentless, and to achieve Beacon Site status is challenging, so only the very best sites receive this prestigious accolade.

Well done to the Norgrove team for achieving this accolade!



Behind the Blue Gate Open Day

We would like to invite you to come behind our blue gates and see what we have been up to. We welcome you, your family and friends to come along. Light refreshments and snacks will be provided. Please wear closed footwear, so you can safely walk around our site.

When:
Saturday 25 November
Time:
10am - 12pm
Where:
Norgrove Avenue cul-de-sac



Any questions?

For up to date information please see our website:

 www.centralinterceptor.co.nz

You can also email us at:

 ciproject@gajv.com

Or phone:

 0800 GAJV 02 (0800425802)

Follow us:

 @gajv_nz

 @GAJV

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.



We encourage you to receive these updates electronically - send us your email, your current mailing address and quote "Sign me up: Norgrove Avenue site bulletin" to ciproject@water.co.nz