

# CENTRAL INTERCEPTOR BULLETIN

**Mt Albert War Memorial Reserve site, Wairere Avenue, Mt Albert**

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

## Site update

Domenica, our micro-TBM, has completed her work on the CI project, with the final 300m drive on Link Sewer B, from Rawalpindi Reserve to Norgrove Ave. This followed an earlier 800m drive from Mt Albert to Norgrove. Domenica has been relocated to our warehouse in Māngere for refurbishment before being sent off to her next project.

Our main TBM, Hiwa-i-te-Rangi, recently passed by the site, within 25m. To connect the Mt Albert shaft to the main tunnel, our team built an adit, a hand dug tunnel, a very exacting manual task.



We are getting busier on site, with significant shaft and civil engineering surface works underway. With these key activities, you can see more heavy equipment on site and there is both an increase in noise and in truck movements to and from the site.

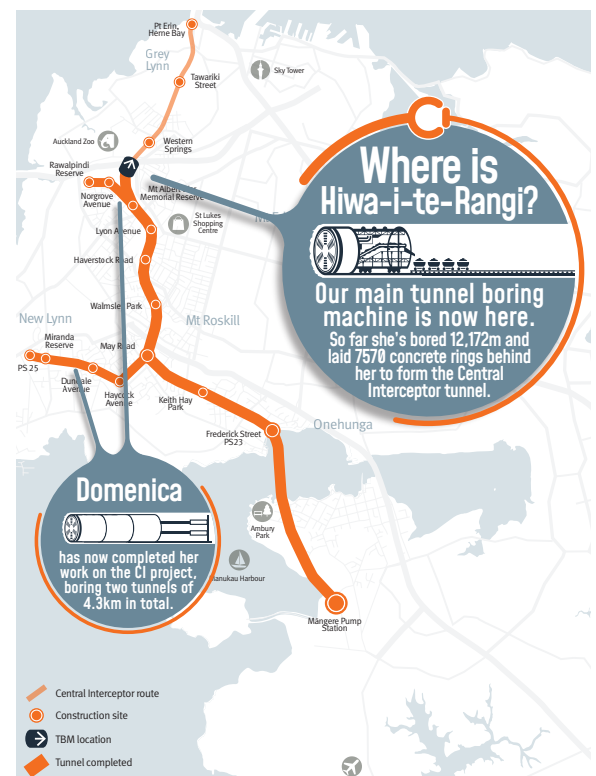
For the shaft, our permanent lining works include installing 24 pre-cast ring segments, each weighing more than 25 tonnes. These will be lowered into the shaft beginning from mid-August into early new year, depending on progress with concrete pours. Because of the size of the panels, we are required to move these out of work hours. Trucks will arrive in the early morning, park up nearby and deliver to site once work hours commence.

You may also notice we have extended our site into the Reserve near the basketball court. This is to accommodate a moving the location of a major bifurcation chamber. This will divert the wastewater flow from the Branch 8 sewer into our main tunnel.

## 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](http://www.watercare.co.nz/aucklandprojects) or scan the QR code



For the surface works, we are excavating and constructing our first chamber (MH03), installing 12m-deep steel beams. This work includes drilling through 7m of hard basalt, which means limited options for excavation. While there may be some increase in noise levels, these will be actively monitored to ensure we stay within Council consent limits.

We will then excavate a 12m deep trench for MH03. This enables us to begin pipe-jacking a 13-m connection from the shaft to MH03 using the horizontal directional drilling (HDD) technique. HDD involves initially carrying out a pilot hole from the shaft end. We will then replace the pilot head with a reaming tool, which will widen the hole to 1m in diameter. Simultaneously, we will push pipes from MH03 back to the shaft.

Once the site works are completed, the only sign we were ever in the reserve is a plant room, to the side of the lower carpark. Design for this has been completed and construction will commence later in the year.



## Main tunnel update

Since the recommencement of 24/7 operations, the TBM has steadily increased her metres per month, with an average of more than 600m bored for both April and May. For the first three months of the year, we had been tunnelling for 24 hours for 5.5 days, as some members of the tunnelling team worked on completing the southern section, from MPS to May Rd. That crew has now rejoined the TBM team to increase our hours to full-time.

### Any questions?

For up to date information please see our website:

 [www.centralinterceptor.co.nz](http://www.centralinterceptor.co.nz)

You can also email us at:

 [ciproject@ga-jv.com](mailto: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)

## Who it takes to build the Central Interceptor

The Central Interceptor project stretches across 17 sites from Māngere to Pt Erin, Herne Bay. 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.

### Stakeholder Advisor

#### What does a Senior Stakeholder Advisor do?

A Stakeholder Advisor is the local face of the project. We are the people you meet first to tell you all about the project and how it might affect the neighbours. We are responsible for keeping all our stakeholders, including neighbours and other interested parties informed about what's happening on our sites and the CI project.



#### What qualifications do you need to be a Senior Stakeholder Advisor?

There is no formal qualification to be a stakeholder advisor. There are many courses that you can do in stakeholder engagement but ultimately you need to be able to build relationships and be good at problem solving on the go. Communication qualifications are always a bonus as the job is all about communicating with people.

#### What are some of the daily activities of a Senior Stakeholder Advisor?

No two days are ever the same on the project. The role is extremely varied and that is what keeps it interesting. One day we are writing and delivering bulletins like this and the next we are putting up signs and asking people to move their cars so our large equipment can enter the site.

We also get to do some cool things like talk to local schools and community groups about how amazing our project is. We run open days on weekends so the public so can see all the amazing things that our site teams are doing.

Unfortunately, with a project this complex, we sometimes have to deal with complaints, so when this happens, we work with the teams involved to make sure we are doing everything we can to reduce the impact on our neighbours.

#### What are the challenges of this role?

The biggest challenge is we never fully know what is under the ground until we start excavating. Sometimes this means that plans change quickly and we need to go back to people and let them know plans have changed. Sometimes this means lots of door knocking, texts and phone calls and solving problems as they arise.

#### Is there anything about this role that would surprise people?

We start talking with our neighbours long before the construction starts. We know most of our neighbours and their families by name and we always love to stop to say hello when we see them.



We encourage you to receive these updates electronically - send us your email, your current mailing address and quote "Sign me up: Mt Albert site bulletin" to [ciproject@water.co.nz](mailto:ciproject@water.co.nz)