

CENTRAL INTERCEPTOR BULLETIN

Dundale Avenue site

Road berm, 68-78 Dundale Avenue, Blockhouse Bay

Milestone achievement

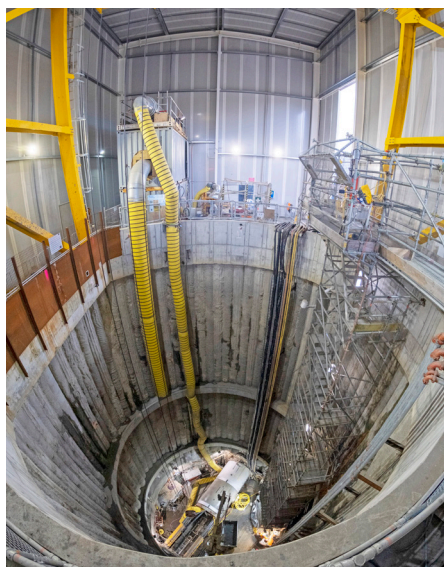
Dundale Avenue successfully launched 'Domenica', our micro tunnel boring machine (mTBM) back in March. The mTBM has since made her way to Haycock Avenue completing the second drive on the Link Sewer C route, a huge achievement for all those involved. The mTBM tunnelled 715m from Dundale Avenue to Haycock Avenue. From here, she will be removed and taken to our May Road site to be refurbished and repaired before heading back to Dundale for the final drive to Miranda Reserve.

Dundale Avenue site update

The Dundale Avenue construction site is located in the middle of Link Sewer C, an offshoot of the main Central Interceptor wastewater tunnel.

The site is a launch site for our mTBM: this means Domenica is lowered into the 26m deep shaft to start her tunnelling journey towards our Haycock Avenue site and Miranda Reserve construction sites.

The Dundale Avenue site has been a hive of activity in recent months, especially after the installation of the noise reduction hangar, which can be seen two blocks away. The hangar has been built specifically to contain noise from tunnelling activities and allow us to work 24 hours a day over a six-day period. The spoil removed from the tunnel is stored inside the hangar at night and only removed during our day shift hours of 7:30am and 6pm.



The noise reduction hangar completely covers work in the 26m deep shaft.

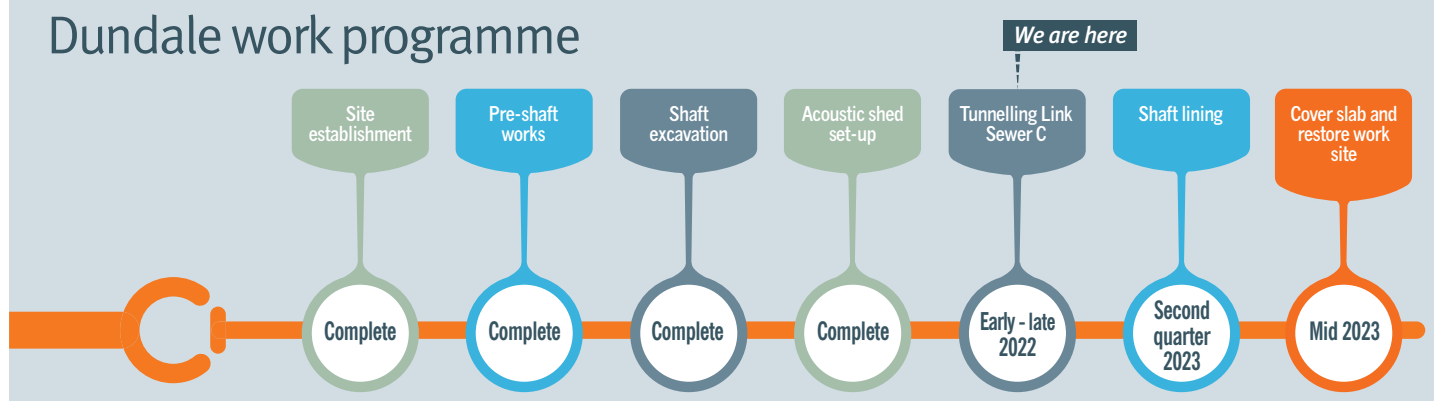


Concrete pipes being prepared to be installed into the shaft and form the link sewer.



Inside the 715m long tunnel. You can see the tracks that the spoil is removed on.

Dundale work programme





Challenges for Dundale

Dundale is one of our smaller sites and that in itself comes with some challenges. We need to fit a lot of machinery, people, trucks, and the concrete liner pipes on a small section.

Traffic management teams are on site at all times to ensure the safety of pedestrians, road users and our staff. At times there is a stop go in place while trucks are entering or exiting the site. We appreciate your patience around our construction site especially when these large trucks are manoeuvring.

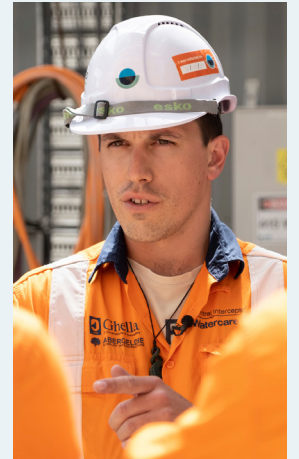
Blockhouse Bay Community Church and Christian Kindergarten

People were struggling to find the entrance to the Blockhouse Bay Community Church and Kindergarten, our nearest neighbours. So we created some new signage to make it easier for road users and the community to find the new entrance which runs next to our site.



Our people

As you may know, the Central Interceptor project stretches across 16 sites from Māngere to Grey Lynn. Each of these sites has a team of people working there on various activities and construction stages. We work with incredible people with different skills, backgrounds, experience and qualifications. In this regular feature we're going to find out a little about some of them. A great way to get to know your neighbours.



Name: Michael Brown.

Position: Project Engineer for Micro-tunnels

Role on site: Involves a variety of tasks but is mainly the overall running of the mTBM activities. From writing and tracking programmes, site layouts and planning of upcoming works, maintaining health and safety requirements throughout the works and reporting on daily/weekly/monthly reports to management. He has an engineering crew that helps him a lot with running onsite works, so special thanks to the crew – Dan Malcolm, Kooper Turton and Ray Moranz.

Background: Michael grew up in good old Rotorua before moving to Auckland in 2013 to complete his studies in Civil Engineering at The University of Auckland. He also gained experience in Australia before returning home to Aotearoa.

Being of Māori decent Michael takes pride in his Tainui whakapapa, proudly wearing a tamoko that represents his whanau and tupuna (ancestors).

Previous Jobs: Michael has worked on various projects across the Pacific such as the Waterview tunnel, Rarotongan Te Mato Vai Water domain Project, Rarotongan Australian Defence Force Wharf Upgrade and the Hūnua 4 watermain project, all before joining us at the Central Interceptor Project

Most memorable work moment: "Would definitely have to be working in paradise over in Rarotonga, being able to work and look out to the beach each day and all the people that I've had the privilege of meeting and working with over the years at the various projects."

Outside of work: "I enjoy playing social basketball and travelling to different parts of the country and the world. But most of all spending time with my whanau and welcoming our first pēpē (baby)."

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