

# CENTRAL INTERCEPTOR BULLETIN

Keith Hay Park site, Arundel Street, Hillsborough

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

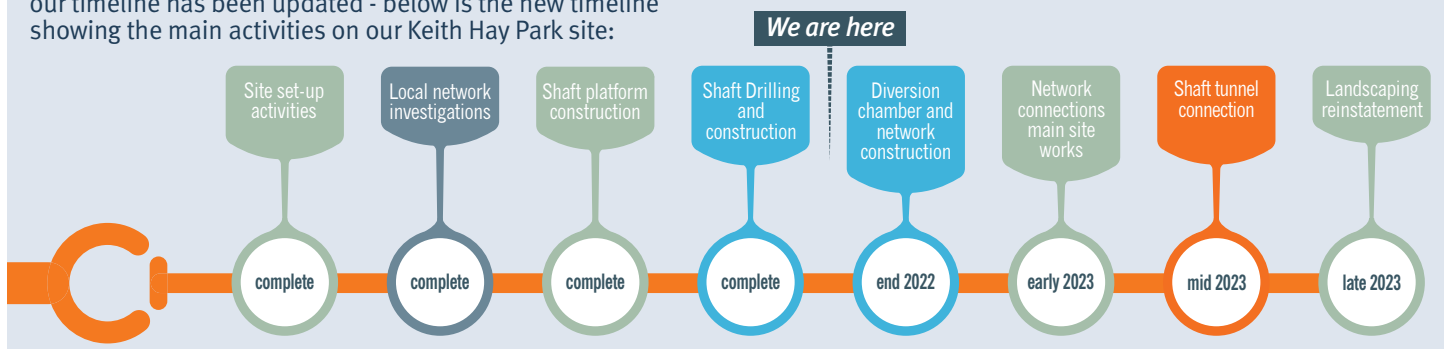
## Site update

Over the last six months the team at our Keith Hay Park construction site has been busy. We've been preparing the site for all the equipment needed to drill the deepest shaft on the project. The 78m shaft is now complete and we've installed six glass-reinforced, prefabricated liners for the cascade shaft. The liners were manufactured in Indonesia and arrived in Auckland in January. Due to their size and our site constraints they had to be delivered in two stages. The team is now pouring the concrete to encase and protect the liners.

We are also working on the chambers and local connections on the site as well as the design logistics for opening our satellite sites in Keith Hay Park and over the motorway in Frost Road. All this work will ensure that the site is ready for Hiwa-i-te-Rangi, our tunnel boring machine (TBM), to come through in 2023 on her way from Māngere to Grey Lynn.



With the impact of COVID on the New Zealand construction industry our timeline has been updated - below is the new timeline showing the main activities on our Keith Hay Park site:



## Proud moment

To get the oversized liners onto site we worked with key stakeholders who gave approval to deliver the liners to the council car park adjacent to our site in the middle of the night. Once the sun came up the team got to work and moved the liners into our site before they could start installing them into the shaft. Due to the depth of the shaft and the number of liners needed, this operation was done over two nights.

Our staff coordinated local and international companies to make sure this went as smoothly as possible. This is the first of nine sites on the project that will use liners and the knowledge gained from this first delivery will be used to ensure that the rest of the deliveries go as smoothly.

*A lot of planning over the past few months has gone into achieving this successful outcome – kudos to everyone involved.*



## What's next?

There has been some significant planning going on behind the scenes for the works that have commenced at our satellite sites on Frost Road and Keith Hay Park Branch 9B on the western side of the park.

These works involve drilling a 630mm pipe under State Highway 20 from Frost Road. This pipe will run into new chambers we will shortly construct at the far end of the sports fields, next to the spiral bridge. From there we will use a micro tunnel boring machine to excavate under the eastern edge of the football fields in Keith Hay Park, finishing at our main site. This tunnel boring machine is unlike our other machines, as this pipe is only 900m in diameter. It will be controlled remotely from the surface.

### 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@gajv.com](mailto:ciproject@gajv.com)

Or phone:

0800 GAJV 02 (0800425802)

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## Liner facts

<b>Length:</b>	longest is 12.5m and shortest is 12m
<b>Weight:</b>	heaviest is 27t and lightest is 16t
<b>Diameter:</b>	each module has 3m internal diameter
<b>Made from:</b>	glass reinforcing fibre

## 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 on various activities and construction stages. We have 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. It's a great way to get to know your neighbours.



**Name:** Amtoz Parhar

**Background:** I spent my childhood in India and came over to New Zealand when I was 18 years old. I completed my studies here - Bachelor's Degree in Civil Engineering from Unitec.

I have now been working in the civil construction industry for close to eight years.

**Position, what do you do onsite:** I am the Project Engineer for Keith Hay Park site. My role is to manage the overall operation of the site including programme timings and resources required to complete the Project.

**Previous Jobs:** I have previously worked and managed quite a few civil infrastructure projects within the Auckland region. This includes the Drury South Rooding contract for SML, Halls Farm Sub division, Mill Road Culvert Replacement for Auckland Transport and the Ian Shaw carpark redevelopment from Auckland Council.

**Most memorable work moment:** Every day at work is memorable because you won't get the same day back again- make the most of it.

**Outside of work:** I enjoy travelling, playing cricket, and going for long runs on my days off from work.



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