

CENTRAL INTERCEPTOR

POINT ERIN PARK INFRASTRUCTURE WORKS

Herne Bay and surrounding areas have some of the oldest wastewater pipe networks in Auckland with many built early last century. As Auckland continues to grow, our networks are under increased pressure. As a result, diluted wastewater overflows onto our beaches and into the Waitematā Harbour almost every time it rains. You may have noticed many more black flags at local beaches over this past very wet summer.

Project overview

The Point Erin Tunnel (Central Interceptor Extension) and associated works within the park are designed to intercept and divert overflows from local networks. Once the works are completed, the wastewater flows will be transported through the 16.3km Central Interceptor tunnel to Watercare's wastewater plant in Māngere for treatment.

The new tunnel will be built between 20 and 60 metres deep underground by a tunnel boring machine (TBM) which will eliminate the need for surface works along the tunnel alignment.

A construction site will be located at the top of the park, by the pool, where we will build a shaft to extract the tunnel boring machine and divert wastewater flows once the tunnel is operational. In the south-west corner of the park we will construct a control chamber and connections to new and existing sewers.



Indicative construction programme

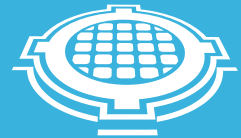
The TBM is currently scheduled to arrive at Point Erin in May 2025. We will set up our shaft site in the second half of 2024 with shaft construction expected to take six months from around September 2024 to February 2025. There will then be some nine months of activity from May 2025 to February 2026 to remove the TBM and complete the internal structure of the main shaft.

The chamber construction works are anticipated to take four-to-six months commencing in early 2025. The shaft and chamber are likely to be constructed separately, though there may be some cross over in the construction programme.

In total, construction works at Point Erin are expected to take approximately two years (2024 to mid-late 2026), with the northern section of the CI tunnel, including the Point Erin Extension, expected to be commissioned in 2026/2027. It may take longer depending on the TBM's progress and other factors such as supply chain and resourcing constraints.

FAST FACTS

Reducing wastewater overflows

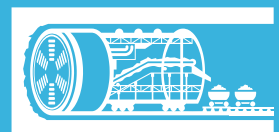


Catering for population growth



Works start in 2024

The tunnel will be built by Tunnel Boring Machine (TBM)



How could the works affect you?

- Construction works for the two proposed sites will take place in designated public areas of Point Erin Park
- Work at both sites will be between 7am-6pm Monday to Friday, and 8am-6pm Saturday
- The works will involve up to five truck movements an hour during peak construction, specifically during the creation of the shaft
- There will be some noise and effects from construction. However, we will ensure this is kept within Auckland Council consent requirements
- Traffic management will be in place to minimise safety risk to road users. The works may at times affect street parking around the site and truck routes.



What happens next?

Watercare has submitted our resource consent applications and shortly Auckland Council will publicly notify the proposed works.

Decisions made regarding wastewater servicing are important, not just for current communities but for future generations too. Watercare has undertaken various technical and environmental assessments to inform the resource consent application of the proposed tunnel shaft and site.

Keeping you informed

If you would like to receive updates on the project, please contact:

@ ciproject@water.co.nz

www.centralinterceptor.co.nz



Public information evening

If you would like to find out more and discuss the project with our team, we please come along to our public event:

- **Date:** Wednesday, 8 March, 6pm – 8pm
- **Where:** Ponsonby Community Centre, 20 Ponsonby Terrace