

HERNE BAY COLLECTOR

BULLETIN

Project update

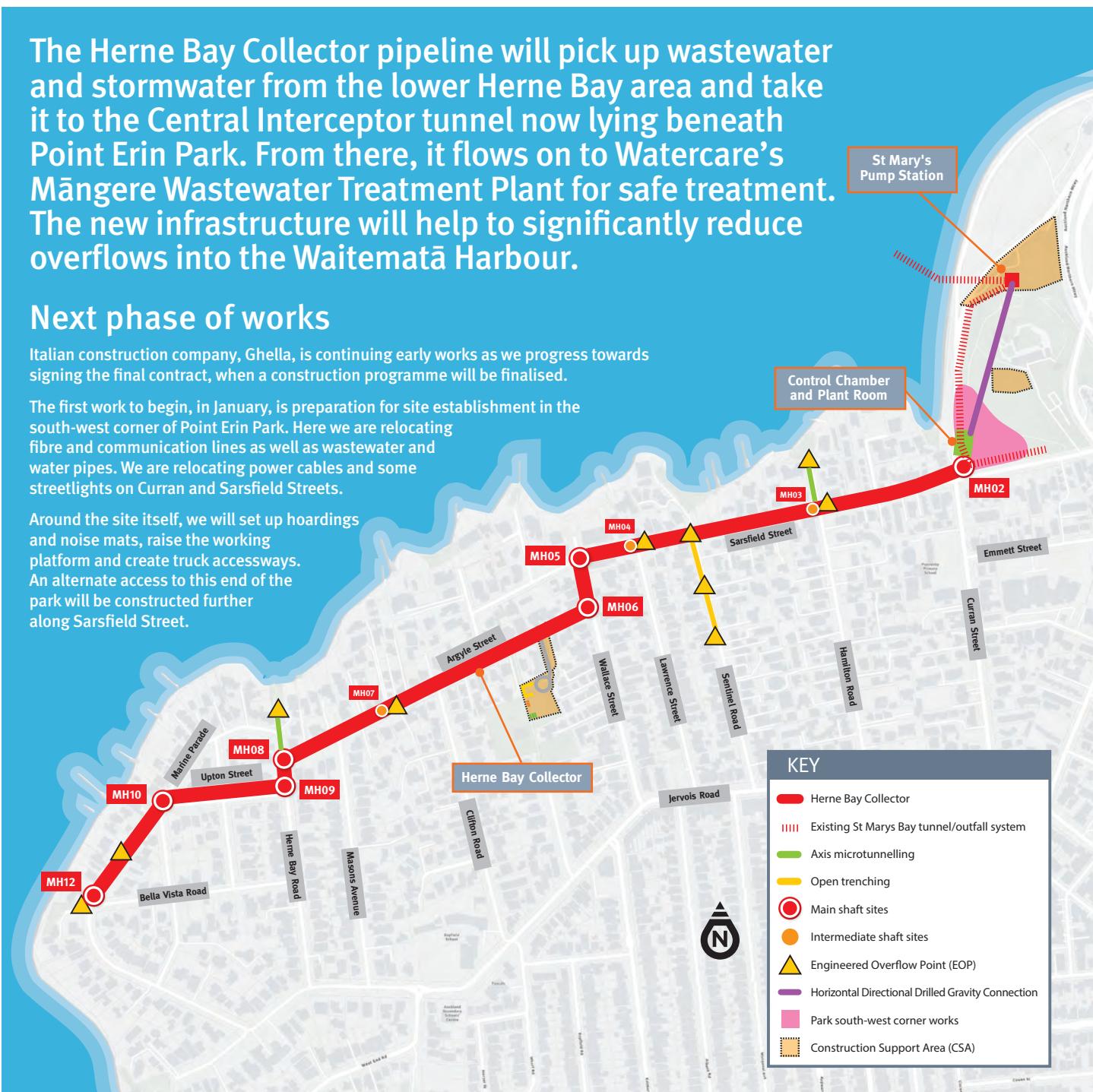
The Herne Bay Collector pipeline will pick up wastewater and stormwater from the lower Herne Bay area and take it to the Central Interceptor tunnel now lying beneath Point Erin Park. From there, it flows on to Watercare's Māngere Wastewater Treatment Plant for safe treatment. The new infrastructure will help to significantly reduce overflows into the Waitematā Harbour.

Next phase of works

Italian construction company, Ghella, is continuing early works as we progress towards signing the final contract, when a construction programme will be finalised.

The first work to begin, in January, is preparation for site establishment in the south-west corner of Point Erin Park. Here we are relocating fibre and communication lines as well as wastewater and water pipes. We are relocating power cables and some streetlights on Curran and Sarsfield Streets.

Around the site itself, we will set up hoardings and noise mats, raise the working platform and create truck accessways. An alternate access to this end of the park will be constructed further along Sarsfield Street.



We will also start service relocation work and site establishment in January at three other shaft sites. The sites at the intersections of Wallace and Sarsfield Street and Wallace and Argyle Streets are larger shafts to retrieve/launch the micro-Tunnel Boring Machine (mTBM).

Project overview

Construction work

We will construct a 2.1m-diameter tunnel for approximately 1.5km using an mTBM. The pipeline will pass beneath the suburb's street at depths ranging from 9-22m. We will construct seven shafts to launch and retrieve the mTBM along with intermediate shafts connecting to existing EOPs. We will also build chambers at several of these locations and in a number of other roads.

In the south-west corner of Point Erin Park, we will sink a 7.4m-internal diameter, 16.9m-deep shaft. From here, we will retrieve the mTBM from its first drive from a site at the intersection of Sarsfield and Wallace Streets. This shaft will become the permanent receiving shaft from the HBC, where wastewater will flow into a new control chamber we will build. The wastewater then flows into the Central Interceptor (CI) tunnel and away south to the Māngere wastewater treatment plant.

As well as the control chamber, another permanent structure we will build is a plant room, where mechanical and electrical equipment manages the flows into the CI tunnel.

Future works include small-diameter pipelines along Marine Parade (1.0m in diameter) and local connections to the existing Engineered Overflow Points (EOPs) (between 200mm to 450mm in diameter). These will be constructed using open trenching or nano-tunnelling depending on the depth of the pipe.

In mid-2026 we will set up three temporary Construction Support Areas (CSAs). One is beside the Curran Street motorway on-ramp, one is the existing CI Pt Erin Park site and the third is in Salisbury Reserve. Before we set up in the latter, we will engage with local residents about our site plans in more detail.



Site safety and traffic management

All our work sites are fenced off for the safety of the passing public and our workforce. Traffic management may include stop/go controls or single lanes and areas of no parking, as and when temporary road closures are needed. The speed limit across Herne Bay will be reduced during our construction works.

We will aim to reduce the impact to road users as much as possible and alternative routes around our sites will be available. You will always have access to your property. Please work with and obey all traffic signs and directions for everyone's safety.

Areas affected by traffic management plans



Keeping you informed

As our works unfold across the suburb over the next three years, we will do our best to keep you informed. Shortly after signing the final contract for the full project, we will hold a public information event, 'Meet the Contractor'. This will be your opportunity to meet the construction team and ask questions about the works in your neighbourhood.

Look out for notices in your letterbox as we will also hold smaller information events for neighbours living close to our work areas, including for the early works. At these events we will be able to explain the works and how we are managing them to minimise their effects on you.

Please keep this bulletin handy as it has the contact details for any concerns and questions you have.

Any questions?

For up to date information please see our website:

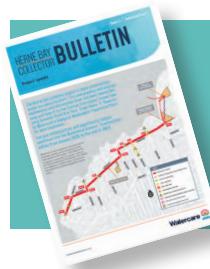
 www.watercare.co.nz/home/projects-and-updates

You can also email us at:

 hbc@ghella.com

Or phone:

 **0800 GHELLA (0800 443 552)**



We encourage you to receive these updates electronically - send us your email, your current mailing address and quote "Sign me up: Herne Bay Collector bulletin" to hernebayproject@water.co.nz