

Mairangi Bay Wastewater Pump Station update

Project update



Mairangi Bay Wastewater Pump Station site.

Since our last update, works have really progressed on the pump station project. The end of April saw the 60m³ concrete pour over the roof of the underground portion of the pump station which was a huge milestone for the project. With the roof on the underground structure that has allowed the building footprint to be fully developed (shown in the image above), we were able to get the first six building panels installed in the first week of June. We are expecting the remaining panels before the end of June once they have been fabricated. The remaining panels will be installed over a four-day period at the end of June, this will involve a mobile crane being setup inside the site which will lift the fabricated concrete panels off trucks and into position. The panels for the building are being transported from a factory in Whangarei!

Elsewhere onsite, we have completed the installation of a concrete chamber to the north and east of the building as well as the installation of pipework. You will notice some reinstatement work going on at the corner of Sidmouth Street and Montrose Terrace. We will soon be opening this section back to the public at the beginning of July to allow for a change to the traffic management system, please refer to map on page 2.

Works in June/July

At the pump station site works will continue on the building to install the remaining panels, fit out internal floors and get ready to install the roof. Our sub-contractors will also

be working hard below ground to finish off the fit out in the drywell and wetwell.

Montrose Terrace pipeline

July will see the start of works to install a 160 metre pipeline in the road on Montrose Terrace, this will be installed by the horizontal directional drill method which is being used to minimise disruption as much as possible.

Works will commence in the first week of July and the significant change will be the alteration of the traffic control on Sidmouth Street and Montrose Terrace. To allow for the pipeline to be installed, a one-way system will come into effect which will see traffic moving in a one way system along Sidmouth Street and onto Montrose Terrace, this will result in the removal of the current road closure. There will be no access onto Montrose Terrace from the Beach Road roundabout, vehicles will only be able to travel from Montrose Terrace out onto Beach Road. To get onto Montrose Terrace, vehicles will need to access Sidmouth Street via the Beach Road roundabout. Traffic control will be in place to help get used to this temporary traffic system and throughout the entirety of the works. The traffic management plan is attached for you to get an understanding of the changes.

What will be happening on site

- Construction Noise – General construction noise to be heard in the coming months, we don't having any activities which are expected to be over the normal.
- Concrete Pours – Concrete pours will continue through June and July however all are contained within the site boundary
- Subcontractors – Multiple subcontractors will be onsite throughout June/July to complete multiple different aspects to our planned works
- Traffic Management – A one-way system will come into effect at the beginning of July (see the Traffic Management Plan below)
- Saturday Work – Saturdays may be worked throughout June and July
- Crane setup – Installing the building panels will require a mobile crane to establish onsite. The mobile crane and truck delivery of the panels will block residential access however we will contact you before this work takes place.



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If you have any questions about this project reach out to us at mairangibay@water.co.nz