

# Glen Innes wastewater upgrades

Accommodating growth and reducing overflows in Glen Innes

In July 2018 we started construction of an important new wastewater pipe and pump station to replace ageing assets and cater for growth in Glen Innes. This project will also help improve the quality of Omaru Creek by reducing wet weather wastewater overflows.

The new pipe travels from a new pump station in Maybury Reserve, up Elstree Avenue and then along part of Taniwha Street. To install the pipe we are using a tunnel boring machine (TBM) which digs tunnels deep beneath the ground. The TBM is lowered into a nine-metre-deep hole, and then tunnels to the next site, of which we have six in total. You may not notice a lot of activity on the surface but we are very busy working below ground. We have completed the first section in Maybury Reserve as shown in the picture above.



*The tunnel boring machine (TBM) beneath the ground.*



We are also constructing a new pump station at Maybury Reserve, that will replace the existing one and pump much larger volumes of wastewater. As shown in the picture opposite, our workers can be seen 15 metres below the surface laying the concrete floor of the pump station.

*The concrete floor of the pump station being laid.*

## Fast facts

The main wastewater pipe is almost  
**1 kilometre-long**  
and large enough to fit a  
**small car**



It can store up to  
**50,000**  
**bathtubs**



equivalent of wastewater

The estimated cost of construction is

**\$38 million**

Helps improve  
**Omaru Creek**  
**water quality**



### Elstree Avenue traffic management update

We are very aware of the traffic congestion and frustrations caused by the works on Elstree Avenue. We have worked with Auckland Transport, the Local Board and local councillor to see what improvements could be safely made without slowing down the project. As a result, we have installed more road marking and flexi posts at the roundabout, as well as additional signage along Elstree Avenue. This has increased awareness of traffic management, reducing incidents and improving safety for our workers, residents and road users. We are making good progress and expect two-way traffic to be reinstated early 2020.



*Traffic management enhancements along Elstree Avenue and Taniwha Street intersection.*

The main questions about traffic management have been:

**Q: Why don't you change traffic flows during the day and night?**

A: This is only an option where there are multiple lanes. Where there is only one lane through residential streets, it is not safe and causes confusion. We have seen people ignoring signage and travelling the wrong way up the roadworks. This is extremely dangerous and we remind drivers to follow the rules for everyone's safety. We continue to closely monitor and report incidents.

**Q: Why don't you use traffic lights or stop-go operations?**

A: The long length of the work site would cause worse traffic queues in all directions. We understand the works can be frustrating during peak travel times and we thank you for your patience and courtesy as we complete the works.



*Please remember to follow directions and keep safe around the construction site.*

### To keep informed:

Please email 'sign me up' to [Glwastewaterupgrade@water.co.nz](mailto:Glwastewaterupgrade@water.co.nz) for project updates and traffic changes.

### Any questions regarding the project?

If you have any questions regarding the project, please contact:  
Linda Brown, communication liaison manager, Fulton Hogan Ltd on



Phone: 0800 348 007

Email: [Glwastewaterupgrade@water.co.nz](mailto:Glwastewaterupgrade@water.co.nz)



Regular updates can be found by visiting

<https://www.watercare.co.nz/About-us/Projects-around-Auckland/Glen-Innes-wastewater-upgrade>