



Construction of a new wastewater pipeline and removal of two outdated pump stations in Beenleigh will commence in July 2010



This project, funded by Allconnex Water and delivered by Logan Water Alliance, involves the construction of a 1.1km wastewater pipeline in the Boundary Street area, and removal or modification of two local pump stations. This will result in more reliable wastewater services for Beenleigh residents, and reduce the potential for local wastewater overflows and odours.

Activities

During the construction period, 1.1km of large diameter wastewater pipeline will be installed along Boundary Street and through adjacent sports fields / parkland to connect with pump station BE47 in Spanns Road (refer to map overleaf). The existing pump station BE3 in Boundary Street will be removed from service and filled with gravel / sand. The existing pump station BE13 in Kokoda Street will be converted into a manhole. Most above ground elements at the pump stations will be dismantled.

Activities will involve major excavation and pipe laying works, using a combination of open trench and micro-tunnelling construction methods. Micro-tunnelling will be used to minimise disruption to local roadways and waterways where possible. This method requires the construction of shafts at either end of sections of pipeline to create launch / retrieval points for tunnel boring machines.

Location

New wastewater pipes will be installed alongside 31 - 87 Boundary Street, and through sports fields / parkland between Boundary Street and Spanns Road. Pipes will also be installed on Kokoda Street between Boundary and Darwin Streets.

Timing

Work is scheduled to begin in July 2010 and is expected to be completed by mid 2011, weather and construction conditions permitting.

What to expect

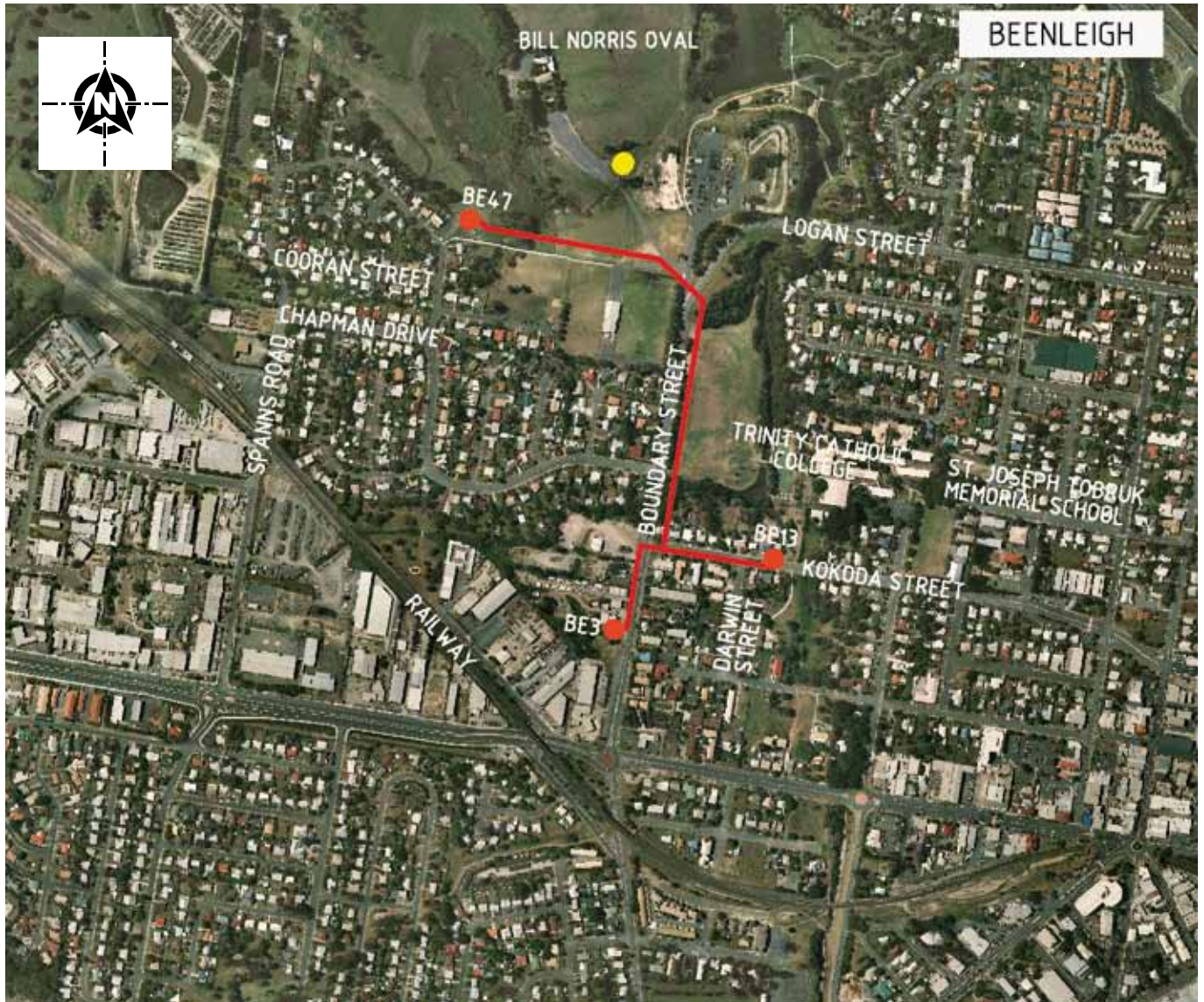
Logan Water Alliance will make every effort to minimise disruption to the community and environment during the construction period. All works will be undertaken in accordance with relevant safety, communication and environmental management plans.

Due to the nature of the pipe installation works, some localised construction impacts may be experienced from time-to-time:

- Increased levels of noise, dust, vibration, and odour. Some sheet piling will be required to construct micro-tunnelling access shafts in soft ground. The works will also require short-term use of bypass pumps and generators to temporarily divert wastewater flows to neighbouring pump stations. Pumps and generators may be required to operate 24 hours at times.
- Temporary traffic changes, including partial lane closures along Boundary Street, Kokoda Street and other local roads.
- Truck movements to and from work sites to deliver equipment, and remove excavated material. Equipment will be stored in a site compound near Bill Norris Oval.
- Some vegetation will be removed in the work zone to make way for construction. Logan Water Alliance will undertake all vegetation removal in accordance with State Government requirements. Once each section of work is complete, disturbed areas will be reinstated. Replanting or other environmental enhancements will be undertaken by Logan Water Alliance to offset vegetation removal.
- Construction will generally occur between the hours of 7.00am and 6.00pm Monday to Saturday. However, due to the nature of the works, night activities and 24-hour operations may be required from time-to-time, particularly during bypass pumping works. Affected residents and businesses will be notified prior to the commencement of any night works.

Logan Water Alliance thanks you for your cooperation and apologises for any inconvenience you may experience as a result of works being undertaken in your area.

Beenleigh works zone



LEGEND: — New wastewater pipes ● Wastewater pump station ● Site office

For more information please contact Allconnex Water:

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