

LOWOOD-FERNVALE SEWER UPGRADE

Project Update - December 2020

Project status

The upgrade to the Lowood and Fernvale sewerage system will cater for future growth and development in the area. Subject to weather conditions, this \$45 million investment is scheduled for completion in mid-2021 and anticipated to be fully operational by the end of 2021. It includes construction of:

- Lowood sewage treatment plant (STP) - located on Forest Hill Fernvale Road. Status – in progress.
- Ferny Gully pump station (PS) - will pump all sewage from Fernvale to the new Lowood STP. Status – nearing completion.
- Lowood PS - will pump all sewage from Lowood to the new STP. Status – now underway.
- Fernvale rising main (pipeline). Status – complete.
- Lowood rising main. Status - complete.



Image – The Lowood STP, showing the blower building in the foreground and the electrical switch room on the raised platform opposite (Nov 2020).

We appreciate your understanding while we build this critical infrastructure for the region. Wishing you all the best for the festive season and New Year, from all the team at Urban Utilities.

Lowood rising main

The 1.6km underground pipeline along Forest Hill Fernvale Road, that will pump sewage from Lowood to the new STP, is now complete. The work included building a pipe bridge parallel to the road bridge at Slip Gully Bridge. Traffic management along Forest Hill Fernvale Road has now concluded. We appreciate the disruption the necessary lane closure caused to motorists and thank you for your patience.



Images – The pipe bridge structure was built offsite and arrived by truck. It was lifted into place by a 130 tonne crane (Oct 2020).

Lowood pump station

Construction of the new Lowood PS commenced in October, at the site of the existing Lowood STP. It is being built in two stages to allow the STP to continue operating until the new STP is commissioned. The first stage, currently in progress, involves installation of the pump well and grit chamber nearly 10m underground. This is a challenging task given the tight space our crews must work in. The remaining work, including installation of the underground storage tanks and switch board, will be completed when the existing STP is demolished.



Image – pump well (front) and grit chamber (back) under construction at the new Lowood pump station (Nov 2020)

For more information:

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