

LOGAN

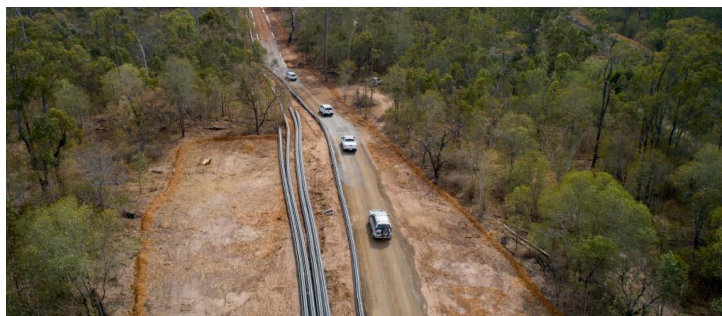
Logan's longest drilling project to be completed in December


Jeni Faulkner, Quest Newspapers

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THE longest underground drilling project in Logan's history is now underway to connect Flagstone to council's wastewater facility at Cedar Grove.

Logan City Council is using a horizontal directional drilling (HDD) method to lay pipes over 1.32 kilometres from Greenbank to Flagstone.



 Logan drilling project to connect Flagstone to council's wastewater facility.

The use of underground drilling technology avoids clearing around one hectare of vegetation and council's Roads and Water Infrastructure Acting Director Daryl Ross said the outcome was a win for the environment.

"This project will have less environmental impact on Flagstone Creek and Abrade Creek," Mr Ross said.


"It also reduces the impact on local wildlife habitats of koalas and grey headed flying foxes."

"It's a great environmental result and is a significant cost saving for Logan City Council."

Mr Ross said the construction of the wastewater pipeline would be one of two Australian firsts in council's use of new technology.

“This is the first time in Australia that a high-stress, crack-resistant polyethylene pipe is being used for a wastewater project,” Mr Ross said.



 Logan's major drilling program taking place at Cedar Grove.

The expected design life for these pipes is 100 years and Mr Ross said this offered the longest possible lifetime for a wastewater pipe and reduced the risk of issues during the installation process.

The project will also be the first in Australia to use an underground magnetics walkover locating system which can track buried pipe up to a depth of 110 metres.

While this project will be up to 36 metres deep, conventional tracking devices are only able to track pipe to a depth of 20 metres.

Completion of the HDD project is expected by December.