Cedar Grove Wastewater (sewage) Treatment Plant – Stage One

Council’s Logan Water Infrastructure Alliance is designing an advanced wastewater treatment plant at Cedar Grove. The plant will provide essential services to the growing community in the Queensland Government’s Greater Flagstone Priority Development Area.

Why is the plant needed?
Under the Queensland Government’s ShapingSEQ South East Queensland Regional Plan 2017, Logan City’s south west region is identified as a major hub for residential, commercial and industrial development. The region includes the Greater Flagstone Priority Development Area (PDA).

As development progresses and the population increases in this PDA, additional critical infrastructure such as water and wastewater pipelines and treatment facilities will be required.

Who is managing the process?
The Queensland Government’s Economic Development Queensland (EDQ) is coordinating and funding all essential infrastructure in PDAs.

Logan City Council is working with EDQ to deliver the Cedar Grove wastewater treatment plant. Council’s Logan Water Infrastructure Alliance is undertaking all planning, design and construction activities.

What will it do?
The Cedar Grove wastewater treatment plant will process wastewater from households and businesses in the surrounding region. Wastewater will be delivered to the plant via a trunk pipeline from the future Flagstone town centre to the plant (Info Sheet: Flagstone to Cedar Grove trunk wastewater (sewerage) pipelines).

The current design proposes that the wastewater treatment plant will use world class technologies including a biological treatment bioreactor, an advanced odour control system and constructed wetlands be used to process wastewater to a high standard.

It is not intended that treated wastewater be used to supplement Logan City’s water supply.

Where will it be located?
The wastewater treatment plant will be located on a 204-hectare site located between the Logan River and Cedar Grove Road at Cedar Grove. This land is owned by Logan City Council.

The proposed development will include a vegetated buffer zone between the plant’s main buildings / facilities and residential areas. State-of-the-art treatment facilities are visually unobtrusive compared with similar, older facilities.
What are the benefits?

The new wastewater treatment plant will provide:

- the capacity to manage wastewater flows from growing communities in the region
- employment for local people and businesses during construction and operation of the plant
- opportunities to rehabilitate cleared land in Cedar Grove and a section of the Logan River bank.

What is the development timeframe?

Design of the first stage of the Cedar Grove wastewater treatment plant is underway, with some development applications being reviewed by Queensland Government agencies. Pending approvals and funding, construction of the first stage of the plant will commence. Future stages of the plant may be required as the Flagstone population grows.

How do I get involved?

For information about the Greater Flagstone PDA, you can visit the Department of State Development, Manufacturing, Infrastructure and Planning’s [website](#) or contact EDQ at edq@dsd.qld.gov.au.

Information on Council’s major water and wastewater projects is provided on its [website](#).

Community members are invited to provide feedback to Logan Water Infrastructure Alliance’s community engagement team at community@loganwia.com.au or 07 3412 9600.