Flagstone Wastewater Treatment Plant Improvements

Council’s Logan Water Infrastructure Alliance is planning improvements at the Flagstone wastewater treatment plant to support growth in the Queensland Government’s Greater Flagstone Priority Development Area.

Why are improvements needed?

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

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

The Flagstone wastewater treatment plant offers the most cost-effective solution for treating wastewater from growth areas until a new regional treatment plant is constructed.

Who is managing the process?

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

Council is working with EDQ to improve the Flagstone wastewater treatment plant and plan other new wastewater infrastructure in the region.

Council’s Logan Water Infrastructure Alliance will design and construct the Flagstone wastewater treatment plant improvements.
How long will the Flagstone plant operate?

Council expects the Flagstone wastewater treatment plant to be decommissioned once a new regional treatment plant is built. Depending on Queensland Government funding and approvals, construction of a new treatment plant may begin in the next couple of years.

Once the Flagstone wastewater treatment plant is decommissioned, most above ground elements will be removed and the site rehabilitated.

What improvements are planned?

Improvements at Flagstone wastewater treatment plant will occur within the existing site footprint, with no significant expansion required. The work involves upgrading and modifying equipment including:

- replacing the equipment which receives and screens wastewater (inlet works)
- installing an advanced odour control system
- providing an enclosed wastewater filtration system and new treatment plant control systems
- modifying existing aeration tanks and other pipework / equipment
- installing a new security gate (away from properties).

What are the benefits?

Improvements to the Flagstone wastewater treatment plant will provide Council with the immediate capacity to manage wastewater flows from growing communities in the region.

Improvements at the plant will enhance odour management, security and operational performance of the plant. Some additional landscaping on the site will also help to reduce visual impacts of the plant on neighbouring properties.

What is the timeframe?

Depending on Queensland Government funding and approvals, improvements to the Flagstone wastewater treatment plant are expected to occur in 2017/18. The works may take several months to complete.

More information about the timing and nature of the works will be provided to directly affected residents before the works commence.