

Chambers Flat Wastewater Treatment Plant Project

Update – August 2023



Project status

Logan Water continues to progress planning activities for a future wastewater treatment plant (WWTP) at the Chambers Flat site. Construction of the WWTP is not expected to commence until after 2030, however design of a 20-25MW solar farm is underway for delivery in 2024-2025. The solar farm will support and power Logan City towards a Net Zero future.

Environmental areas and community recreation spaces will continue evolving through ongoing master planning sessions and regulatory approval processes. Site master planning activities include early screening, increasing habitat for wildlife including koalas and sustainability projects.

Becoming a carbon neutral, green city

Logan City Council's *Carbon Reduction Strategy and Action Plan* (Logan City Council, 2018) included a commitment to becoming a carbon neutral, green city. This plan set a target of 'carbon neutral' for all 'quantifiable' carbon emissions that occur as a direct and indirect result of Council's operations by 2022. This was achieved and certified by Climate Active, a partnership between the Australian Government and Australian businesses to drive voluntary climate action.

To maintain this status, and to progress towards a Net Zero future in a sustainable, prudent, and efficient manner, it is critical for

Council to invest in a program of sustainability projects across the City.

Sustainability projects

In the implementation of these projects, Council is focused on maximising efficiencies across its organisation and unlocking value at Council-owned sites.

At the recent Council Committee Meeting, an 'In-principal' approval was granted for the installation of a solar farm on the Pleasant View Road site. The key benefits of a solar farm at this location include:

- contributes significantly to the decarbonisation of Logan City Council
- enables the future WWTP to be carbon neutral
- improves security of energy supply using Battery Energy Storage Systems
- provides renewable power supply to offset Council sites
- offers opportunities for energy usage optimisation and demand management.

Community engagement

In May 2021 the Logan Community participated in a lengthy deliberative engagement process to develop a community vision:

"Logan is a thriving, forward-thinking community, building a smart future by embracing innovation, diversity and equality"

for all. No matter where you're from, you're welcome in Logan”

Nine themes underpin the vision, including – Innovation and Employment. This theme highlights opportunities that capitalise on the old and embrace new technology, becoming a smart city for innovation. To do this we need to ‘build a smart city and invest in technology including electric vehicles, solar arrays and other renewable projects.



The Chambers Flat WWTP CRG meeting to discuss the solar

Where will the solar be located?

The blue shading below indicates land reserved for the solar farm. There will be a densely screened buffer between the Sheils Road property boundary fence line and the solar. These areas are shown below:



Blue shading indicates the location of the solar farm.

Timeline

Design is underway on a 20-25MW solar farm for installation in 2024 - 2025. Construction of the WWTP is not expected until after 2030. Master planning is underway for community and environmental options.

Environmental licence

Logan Water continues to work with the Department of Environment and Science to progress the application.

Chambers Flat Road upgrade

With our city's population set to increase by more than 50 per cent by 2041, improving our road network is one of the ways Logan City Council is preparing for the future. As part of this, Council's transport team has been investigating road alignment options between the Chambers Flat Road / Logan Reserve Road intersection and Anzac Avenue / Waterford Tamborine Road intersection.

A preferred road corridor alignment has been endorsed by Council and the community will be notified of the alignment in mid-September 2023. These changes will help ensure our local road network remains fit for purpose well into the future. If you have any questions about the road upgrade, please contact Council at roadcomms@logan.qld.gov.au

More WWTP project information

Please contact Senior Community Engagement Officer Tania Keelan at email watercomms@logan.qld.gov.au or phone 07 2899 7457 or 0439 736 313.

Further information can be found on Council's website: www.logan.qld.gov.au/major-projects