

Bolstering our Bryn Estyn Water Treatment Plant capacity

Works are continuing to progress within TasWater's largest water treatment plant upgrade.

TasWater General Manager Project Delivery Tony Willmott said work on the multi-million-dollar Bryn Estyn Water Treatment Plant upgrade is on track.

"We are currently building the large pre-treatment and filter structures and an inter-stage pump station," Mr Willmott said.

The pre-treatment structure is expected to be completed by December 2021.

Bryn Estyn currently supplies more than 60 per cent of greater Hobart's water each year, however, since the last plant upgrade in 1992,

the community has grown significantly, and the raw water quality has changed within the Derwent River over this time.

"As a result, the plant requires upgrades that will increase water supply capacity to cater for the community now, and well into the future," he said.

The upgrade will improve operational efficiency and increase capacity to supply 160 million litres of water per day, equivalent to 64 Olympic sized swimming pools, with the ability to cost effectively expand if increases in water supply are required in the future.

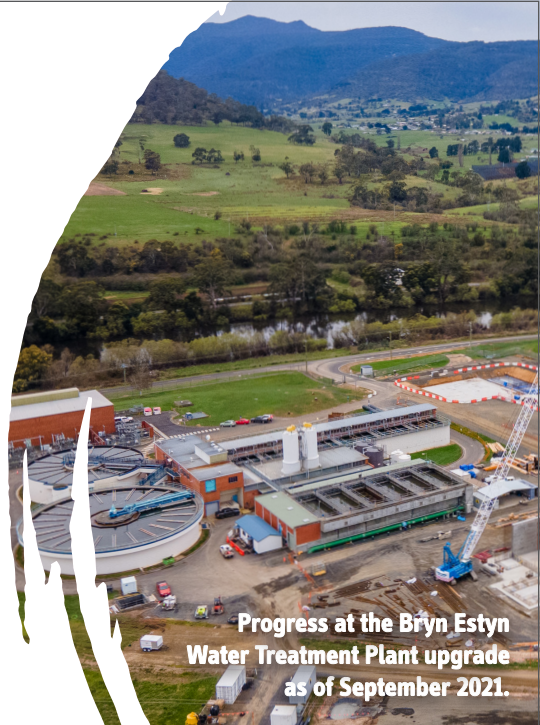
"It will also include technological advancements to safeguard against service interruptions," he said.

The new infrastructure includes three new water clarifiers, an ozone contact tank, eight new filtration units, an interim pump station, a new power switchyard, a larger power supply and roughly 20,000 metres of new pipework.

"To date, we have poured over 3,400 cubic metres of concrete, placed over 850 tonnes of reinforcing steel and excavated 17,000 cubic meters of soil," Mr Willmott said.

"We estimate the project will take roughly three years, and once testing and commissioning is completed, we expect the plant to be operational in 2023."

The upgrade includes an estimated investment of more than \$200 million.



Progress at the Bryn Estyn Water Treatment Plant upgrade as of September 2021.