

WYARALONG WATER TREATMENT PLANT

(FORMERLY PART OF BEAUDESERT WATER SUPPLY)

RESPONSIBLE AGENCY

Seqwater

PROPOSAL STAGE OF DEVELOPMENT

Preliminary business case underway

PLANNED STAGE END DATE

Q4 2018

ESTIMATED COST OF DELIVERY

\$50 million*

BUILDING QUEENSLAND'S ROLE

Assisting with preliminary business case



NEED

The projected bulk water demand from Beaudesert is expected to exceed current capacity by 2020–21 and increase significantly thereafter due to significant growth in the area, particularly within the Bromelton State Development Area. There is also significant growth predicted in the adjacent Logan City Council area of South Logan (including Yarrabilba and Flagstone).

Water supply to Beaudesert is currently provided by the Beaudesert Water Treatment Plant. The plant is a stand-alone water supply that extracts raw water from the Logan River, which has variable water quality. It is not connected to the South East Queensland Water Grid.

In the short-term, supply reliability will be met by the South West Pipeline—Bulk Water Connection to Beaudesert project. Long-term demand will require an additional source of bulk water.

PROPOSAL

The project is a staged water treatment plant, located adjacent to the Cedar Grove Weir. The timing and capacity will be driven by growth triggers in the region but is expected to be 2022 at the earliest and initially 30 megalitres per day. Additional stages will increase the capacity of the plant to not less than 100 megalitres per day, with construction timeframes dependent on growth in demand.

BENEFITS

The Wyaralong Water Treatment Plant will meet growing demand for potable water in Beaudesert and the South Logan area, reducing the draw from the Southern Regional Water Pipeline. Future capacity stages will meet increased local demands. The plant will draw on water supplied by the Wyaralong Dam, providing an additional source of water to the grid and increasing bulk water supply reliability in South East Queensland.

NEXT STEPS

Complete preliminary business case.

**Nominal cost in Australian dollars 2017, estimate provided by responsible agency.*

Cedar Grove Weir (Image courtesy of Seqwater) >>

