

Cedar Grove Connector

The demand for water is predicted to increase with population growth. South East Queensland's (SEQ) population is predicted to increase from the current 2.7 million people to 3.96 million in 2026 and to 5.08 million in 2051 (OESR, 2006).

The predicted levels of population growth cannot be supported without highly reliable water supplies.

The Logan Basin system

The Queensland Government has made a significant investment in increasing the future water security of the Scenic Rim and Logan communities, as well as the whole SEQ region.

With three new cities under masterplan for SEQ—Ripley Valley, Greater Flagstone and Yarrabilba—securing our region's water future is even more critical.

This has been achieved through an increase in the water storage capacity of the Logan Basin system including the construction of the Cedar Grove Weir and the Bromelton Off-stream Storage, with both projects now complete. Construction of the Wyaralong Dam is currently underway. The Wyaralong Water Treatment Plant and the Cedar Grove Connector pipeline are the final steps in the security plan for the Logan Basin system.

The project

LinkWater Projects is commencing a study into the feasibility of a bulk water pipeline—the Cedar Grove Connector—from the proposed Wyaralong Water Treatment Plant into the SEQ Water Grid network.

The proposed pipeline will help to ensure a more reliable and manageable water supply to the Logan, Scenic Rim and Brisbane areas.

The feasibility study will determine a potential pipeline route running north of the Wyaralong Water Treatment Plant and its offtakes and connection points.

If construction is approved, ultimately the pipeline will have the capacity to move up to 180 megalitres a day in conjunction with the production capability of the treatment plant.

The mostly underground pipeline is likely to be around 30-35 kilometres and will be designed to allow water to move in both directions.

The feasibility study

Many steps need to occur before construction can begin.

The feasibility study will look at the environmental, economic, social and community impacts of the proposed pipeline and identify high-level strategies to avoid or manage them.

The study will provide LinkWater Projects with a sound basis for making a recommendation to the Department of Infrastructure and Planning on how water can be transferred from the new sources in the Logan Basin into the Logan, Scenic Rim and greater Brisbane network.

On behalf of the Queensland Government, LinkWater Projects will conduct a range of investigations to determine the most appropriate pipeline route. During the feasibility study, surveys and soil tests are required in some locations.

Contact us

For information related to the proposed pipeline, contact the feasibility study team on freecall **1800 116 144**.

