

East Bank Flood Resilience Program



The East Bank Flood Resilience Program is helping protect South East Queensland's water supply by upgrading critical infrastructure and safeguarding Mount Crosby's unique heritage.

The East and West Bank Mount Crosby Water Treatment Plants are a critical part of the SEQ Water Grid, supplying about 50% of South East Queensland's drinking water. Following completion of the Brisbane River Flood Study in 2017, several buildings and assets within the Mount Crosby East Bank precinct were identified as requiring upgrades or relocation to better withstand future flood events. This included upgrades to electrical infrastructure and a new vehicle bridge to withstand higher flood levels. Improvements to the community hall and existing heritage workers cottages was also undertaken to preserve the rich cultural heritage of the site.

💧 Critical Electrical Infrastructure

The East Bank Pump Station can pump up to 500 million litres of water per day to the East Bank Water Treatment Plant, making it a vital part of the SEQ Water Grid. Upgrades include:

- Replacement and upgrade of critical motors and electrical systems.
- Investment in essential spare parts.
- Improved flood resilience of the heritage-listed pump station.
- New electrical connections to the relocated substation.

Construction is expected to be completed in late 2026.

💧 Weir Bridge Pedestrian Access

The historic Mount Crosby Weir Bridge has been repurposed as a pedestrian pathway, maintaining community access while preserving heritage values.

The pathway officially opened in August 2025 and provides access to the Mount Crosby Sportsground.

💧 New Vehicle Bridge

A new flood-resilient bridge has been constructed across the Brisbane River to replace the previous low-level crossing. The bridge opened to traffic in March 2024 and key features include:

- Approximately three metres higher than the former weir bridge.
- Dual-lane design to improve traffic flow and safety.
- Steel-reinforced concrete construction.
- 187 metres long and 9 metres wide.
- Increased resilience to flooding and improved access for large vehicles.

💧 New Electrical Substation

A new substation has been constructed on higher ground to reduce flood risk and enable faster recovery following major flood events. The previous substation was nearing the end of its operational life and was located in a flood-prone area.



FOR MORE INFORMATION

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Preserving the Stories of Works Hill

The Mount Crosby Water Treatment Plant complex was built in the late 19th century to expand the reticulated water supply for Brisbane. Throughout the 1880s, Brisbane suffered from repeat shortages of potable water and a permanent water supply needed to be found.

A group of cottages were built around the same time for the plant's operators because of the relative isolation of Mount Crosby. Designed by Charles McLay, who also built Customs House in Brisbane, the Works Hill Residential Precinct comprises two detached houses, four duplexes and one cottage, and is one of the few examples of this type of worker housing remaining in Queensland.

Renovations have been undertaken to maintain their heritage value, meet regulatory requirements and improve liveability.

The program also included the refurbishment of the historic pump station administration building, former blacksmith's workshop and workers' amenities building, helping ensure these places remain part of Mount Crosby's story for future generations.



Mount Crosby Duplex Cottages 103 and 104 following refurbishment works



Mount Crosby Weir Bridge and Pumping Station - 1892

Did you know?

The new vehicle bridge, opened in March 2024, is the fifth river crossing built at Mount Crosby with three bridges constructed in the 1890's washed away by flooding, before the current weir bridge was completed in 1927.



Mount Crosby Weir Bridge damage after flooding