



Case Projects

Ipswich QLD

Restrooms with CWT Collection Well System

One of seven buildings of similar architecture for Ipswich City council. The site was an urban park adjacent to the Brisbane River and was within the 1 in 40 year flood level. No sewer services were available for the site.

The Ipswich region has a poor type of soil requiring a pad of controlled fill to be placed beneath the under-structure of the building and the floor slabs are engineering certified with a Form 15.

A Pureblue two-disabled-access-complaint-booth building, was mounted on a 10 000L CWT collection well with additional support columns.

A Pureblue Anti-Surge-System was fitted to this building - a unique solution to prevent solid waste and toilet paper from back-flowing from the collection well out of the pedestal in the event of flooding. Ahead of a flood warning a council officer locks the booths and rotates an externally mounted bar 90 degrees into a closed position that blocks off the pedestal openings. The bar can be locked in both the open and closed position and all hardware is located under the building with no access by vandals.



