



Client: Brisbane City Council, QLD
Location: Brisbane, QLD
Application: Flood Mitigation / Stormwater Isolation
Completion Date: 2013
Project details include:

- Up to 40 backflow prevention devices will be installed across 12 Brisbane stormwater systems at a cost of approximately \$10 million.
- AWMA were approached to deliver reliable, high head, customised infrastructure to protect Brisbane's CBD from flooding. Working in conjunction with the Brisbane City Council (BCC), AWMA developed critical infrastructure to address backflow issues in key city stormwater drains.
- A custom designed grade 316 stainless steel dual leaf TLF penstock isolates the existing 2700mm diameter brick stormwater pipe. The three tonne multi-leaf penstock has a clear span of 3m x 3m, designed to withstand 5.5m of water pressure.
- A risk management review conducted by AWMA resulted in an integrated flap gate to prevent excess pressure on the gate and the pipe itself. Customised low profile headstocks were engineered to meet restrictions under the roadway.

Contact: For further details call AWMA on 1800 664 852.