



Client: Brisbane City Council, QLD
 Location: Brisbane, QLD
 Application: Flood Mitigation / Stormwater Isolation
 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 now isolates an existing 2700mm diameter brick stormwater pipe. The three tonne multi-leaf penstock has a clear span of 3m x 3m, to withstand 5.5m of water pressure.
- A 6m wide x 4m high Dual Leaf Penstock was installed in Milton. The specialised penstock is operated via a powered actuation system, to withstand 7.4m water pressure.
- A risk management review conducted by AWMA resulted in features such as integrated flap gates to prevent excess pressure on the gates or pipelines. In most cases customised low profile headstocks were engineered to meet restrictions under roadways and other city infrastructure.

Contact: For further details call AWMA or visit our website.

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