



### Unity Water Sugarbag Rd Chlorine Booster Station Upgrade Caloundra, Queensland

We took an existing bessa block building formally used for sodium hypochlorite storage/dosing and refurbished it into new chlorine gas facility. This capital delivery project falls under the principals standardisation scheme where they are slowly reverting old chlorination facilities to a new age standard design developed and implemented by WestWater over the last 3 years.

The project delivered the following:

- Structural modification of the existing site structure to make it AS2927 compliant for storage, handling and delivery of chlorine gas
- Construction of new chlorine cylinder delivery access landing
- 4 x 70kg Chlorine Gas cylinder online storage and 4 x 70kg Chlorine Gas cylinder reserve storage
- Duty/Standby 1kg/hr Chlorinators and Ejectors
- Duty/Standby Ejector Booster Pump Station
- Pre and Post Dose Free/Total chlorine and pH water analysers
- Automated sample return system
- New chlorination and reservoir control switchboard complete with dual RTUs and radio telemetry
- Chlorshield Combo 4 Emergency Shutdown Device and Leak Detection
- SCADA and RTU configuration to adapt Unity Waters standard water base code for chemical dosing



[WESTWATER.COM.AU](http://WESTWATER.COM.AU)

FOR SALES AND PROJECT ENQUIRIES CONTACT OUR TEAM:

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