



Utilities & Infrastructure



PRACTICAL[®] ENGINEERING

SEQWATER NORTH STRADBROKE WTP UPGRADES

With limited resources, accessibility constraints and frequent power outages Seqwater required security of power to ensure consistency of water supply for residents and tourists across North Stradbroke Island. Practical Engineering was engaged to upgrade the island's primary WTP: Dunwich, Point Lookout and Amity Point with permanent generator systems.



The project called for dedicated generators to be installed at each WTP that would commence operation immediately following a power outage to ensure consistency of water supply for residents and tourists across the island.

These complete standby diesel generator systems included associated electrical switchboards and control equipment. Each required the build of a dedicated concrete slab and shed to house the generators and other associated earth works including retaining walls were also completed as required.

Practical Engineering's Projects division managed a variety of subcontractors, overseeing all mechanical, civil and electrical works required to deliver all aspects of this job across the three sites.

Services and outcomes delivered:

- Automatic Transfer Switch system
- Civil Design
- Electrical Design
- Structural Design
- Remote construction
- Commissioning

www.praceng.com.au
E sales@praceng.com.au
T + 61 (0)7 3875 2133

Address
Kings Row Office Park, Building 1,
Level 3, 52 McDougall St, Milton
QLD 4064

Postal
PO Box 4, Bald Hills QLD
4036, Australia

Creative Thinking. Practical Solutions.