

Delivering safe, quality projects with integrity

Moonta Bay/Port Hughes CWMS

Stage 1 works

CLIENT: District Council of the Copper Coast

LOCATION: Moonta Bay, SA

PROJECT VALUE: \$9M

CONSTRUCTION PERIOD: Feb 2013 – Dec 2013



SCOPE OF WORKS:

The Moonta Bay/Port Hughes CWMS project has been developed to serve three townships, which contain an approximate total of 3,500 residences plus commercial properties and community facilities

Stage 1 includes approximately 700 new connections. Topography of the area necessitates rear of allotment drainage for the gravity connection of allotments at several locations. The system otherwise consists of front of allotment connections, approximately 13,600m of common drains, five new pump stations and one pump station upgrade to provide additional storage.

A breakdown of the scope of works is as follows:

Property Connections

- Supply & Install 100mm & 150mm diameter uPVC DWV Class SN6 pipe to form approx. 700 property connections
- Inspection points and all other associated fittings

Gravity Drains

- Supply & Install approx. 13,600 meters of 150mm diameter uPVC DWV Class SN4 pipe
- 500 meters of 225mm diameter uPVC DWV Class SN4 pipe
- Maintenance shafts and maintenance holes plus other standard and/or special fittings including directional boring

Pump Stations

- Construct five new pump stations and upgrade one existing pump station to provide additional storage

Rising Mains

- Supply & Install rising mains of various diameters, including air bleed valves, scour valves, thrust blocks and other fittings.
- Civil works – Carry out all site works, locations and/or protection of existing services, de-watering, bunding, water supply, electrical supply, drainage and hardstands.
- Backfilling and maintaining unsealed excavations, including sweeping, topping up with road base and compaction
- Pavement reinstatement