

Coomera Lake – Water Sport Course, Stage 1

Coomera, Gold Coast



Client: Gold Coast City Council
Contract: Schedule of Rates
Total Project Value: \$2.6m
Status: Completed September 2009



PROJECT DETAILS

This project was the construction of a 1.8 km rowing course designed to be suitable for competitive rowing.

The project consisted of dry and wet excavation within the existing marine environment. The existing soils were high in acid sulphate levels that needed to be treated prior to placement. Various areas were bunded off to enable professional fishers to remove and relocate certain species of fish back into the Coomera River. The area was then de-watered to enable the earthworks to be undertaken.

Other key aspects of this project were:

- 300 lin metres of silt curtains installed at project commencement to control and monitor siltation.
- 900 lin m of revetment foreshore protection inclusive of two (2) beached areas designed for public access and use.

- Construction of detention basins designed to hold the captured water that was then treated prior to it being discharged into the Coomera River.
- Completion of a 750mm diameter stormwater line and outlet structure that was carefully constructed during low tidal periods to ensure safe work method procedures were adhered to.
- Construction of sandstone terraced retaining wall that also created a viewing platform area to be used during rowing events.
- Over 1.8 km of shared bicycle / pedestrian pathways.
- Over 5,500 native plantings.
- Approximately 10,000 m² of turfing.

The project was successfully executed in a popular public

Works were completed four (4) weeks ahead of programme and were also delivered under the GCCC's Budget.