

RECENT PROJECTS

KINCUMBER SEWAGE TREATMENT PLANT – DIGESTERS UPGRADE STAGE 3

Contract Value: \$5,780,000

Client: Gosford City Council

Client Contact: Peter Rainsford (NSW Public Works)

Due to operational issues, Gosford City Council identified the staged upgrade of the Digesters at Kincumber STP as a high priority to improving process and energy use. This project consisted of the following works:

- Dewater, desludge and clean the existing Digester No.1 including nitrogen purge
- Installation of scaffolding to provide safe access to allow the full inspection of Digester No. 1, the gas bell roof and the Secondary Digester and allow adequate access for clean down purposes
- Detailed inspection of Digester No. 1 using an experienced engineering consultant
- Removal and repair of two (2) 18m diameter 75t digester roofs including the use of 3 x 350t mobile cranes
- Installation of sludge mixing systems for each digester including SS pipework, valves, pumps and mixing nozzles
- Heated sludge suction and delivery pipework for each digester
- Extensive pit and conduit system, instrumentation and electrical upgrade works

The works commenced in February 2014 and are due to be completed in May, 2015.

