

RECENT PROJECTS

Somersby WTP – Design and Construction of Sludge Scrapers

Contract Value: \$548,000

Final Value: \$776,000

Client: Gosford City Council



The work under this contract included the replacement of two sludge scraper mechanisms located in Stage 1 Sedimentation Tanks at Somersby WTP.

The work included the staged removal of the existing scraper mechanism, the design and installation of Zickert bottom travelling sludge scrapers and various civil works including joint sealant replacement and replacement of handrails.



This contract was conducted in an operating water treatment plant and also included coordination with other contractors on site as well as GCC staff.

This project posed numerous risks and challenges including:



- Working in an operation WTP. Council operations were not interrupted at any time during construction
- The new sludge scrapers were the first to be installed in Australia
- All work was conducted in a confined space
- Delivery of equipment involved long lead times

