

# RECENT PROJECTS

## Bateau Bay STP – Design and Construction of Inlet Works Upgrade

Contract Value: \$800,000

Final Value: \$860,972

Client: Wyong Shire Council

The design and construction of the new Bateau Bay STP Inlet Works was carried out on behalf of Wyong Shire Council through the first half of 2013.

The project brief was for the design and construction of new mechanical step screens, new grit classifiers, new screw wash press, new odour control fans, new lighting and instrumentation and all new electrical control and switch gear to accompany the works.

The design was completed by Snowy Mountains Engineering Company (SMEC) and construction was completed in June 2013.

This project posed numerous risks and challenges including:

- The existing STP was to remain in operation at all times. Live isolations were required along with working at low-flow periods
- The inlet works was located in a second storey enclosed building. All materials were installed through a narrow 2mx2m opening
- The design of the location of the new equipment had to accommodate for staged installation. Temporary works were designed to be incorporated into the final design

