

TasWater Plant Inlet Works



Location

Tasmania

Client

TasWater

Commencement Date

March 2015

Completion Date

April 2016

Contract Value

\$6 million

Overview

The TasWater Inlet Works project involved design, supply and construction of new inlet facilities to 11 sewage treatment plants across Tasmania. Each of the individual sites were unique and required individual diverse solutions to ensure that primary treatment requirements were met whilst not interfering with the operation of the existing treatment plants

The project's success was partially due to the high level of integration and interfacing between BMD project personnel and TasWater operational staff. This enabled the works to proceed efficiently without interruption to the existing operating facility. This collaborative approach through regular joint planning on-site meetings was an opportunity to discuss the status and planned works and interface with operational requirements.

Project scope

The project's key deliverables included:

- New screening equipment, grit removal and dewatering, odour control, pumping and filtration,
- All civil, structural, mechanical and electrical works, and
- SCADA integration and coordination required to provide a fully automated inlet works facilities.

Outcomes

A concerted effort was made to engage 95 per cent of suppliers and subcontractors from the local market with only three contracts awarded to interstate suppliers due to goods not being able to be sourced locally. This demonstrates BMD's philosophy to support the local communities in which we operate.

The project had its challenges including the presence of extensive unknown underground services. Procedures were followed including the Dial Before You Dig process however showed nothing recorded. This led to the review of construction procedures with TasWater to ensure the safety of workers while excavating.