

## ENGINEERING APPLICATIONS – PROJECT DESCRIPTION

### QLD Bulk Handling – Storm water Management System

**Client:** QLD Bulk Handling, Port of Brisbane

**Project:** Storm water Management System

**Duration:** February 2013

#### Description of ENAP's Scope:

This project for Queensland Bulk Handling (QBH) involved upfront development application and approval process through the Port of Brisbane Authority for the full design and construction of a storm water management system in a high environmentally sensitive area being adjacent to the Brisbane River. QBH is Brisbane's leading coal export terminal with an internal reputation for reliability, efficiency and quality. QBH guarantee their clients reliable technology, rigorous systems and fast processing times so as they can benefit from a streamlined service that best supports the marketability of their coal. Therefore, it was imperative for ENAP to provide D&C management that was wholly sympathetic to the client's operating environment.

The project presented several challenges given its proximity to a water table and adjacent river as the risks associated with water ingress with the deep excavation the project required.

Despite this being the first civil project that ENAP had undertaken as a construction company, their long working relationship with QBH allowed all stakeholders to feel confident of a successful delivery. Both the Port of Brisbane Authority and Environmental Protection Agency were satisfied that the works undertaken had eliminated the environmentally damaging deposits of coal from entering the river in downpour rain events.



