



FIRE PROTECTION - WATER STORAGE - BUILDING WASTE TANKS

Wheatstone Accomodation Village Expansion

Chevron's \$29 billion Wheatstone Project located 12kms west of Onslow, Western Australia is one of Australia's largest resource developments. The Wheatstone Facility is expected to produce 8.9 million metric tons of liquified natural gas (LNG) per annum eventually having the potential to produce up to 25 million tons of LNG per annum.

Atco Structures & Logistics were awarded the project to design, manufacture, transport and install hundreds of modular buildings for the Accommodation Village Expansion.

Atco Structures & Logistics working in conjunction with Total Plumbing & Excavation approached Coerco for the supply of the underground waste water storage tanks, above ground fire protection system storage tanks, ablution building waste tanks and potable water storage tanks.

The challenges with this project were

- **Very acidic conditions limiting the materials that could be used**
- **Extreme weather conditions - Cyclonic Region**
- **Remote location**
- **Strict time schedules**

Coerco supplied a large range of products for this project including;

- 39 x 23,000 litre and 11 x 7,000 litre underground waste water storage tanks
- 12 x 8,000 litre and 2 x 6,000 litre waste tanks were custom built to suit the ablution buildings.
- 528 x custom designed concrete containment bunds to contain the concrete from being exposed to the acidic soil condition.
- 10 x 32,000 litre above ground storage tanks for the fire protection system
- 34 x 9,000 litre water storage tanks including pumps and UV filters potable water

Delivery was all done direct to site to eliminate the client having to deal with any logistical issues and was performed within 2 weeks of site requests which was well within required delivery time frames.

Since this successful project, the Coerco team have worked alongside Atco and Total Plumbing in several different projects to supply similar custom built, engineered products.

PROJECT SUMMARY

PROJECT	Wheatstone Accomodation Village Expansion
CLIENT	Atco Structures & Logistics / Total Plumbing & Excavation
LOCATION	Wheatstone LNG Project, Onslow, Western Australia
DATE	July 2013

SCOPE OF WORK

- ✓ Design
- ✓ Manufacture
- ✓ Deliver