



## AUSTLINE FABRICATIONS

COST EFFECTIVE METAL  
FABRICATION AND INSTALLATION,  
DELIVERED WHEN YOU NEED IT



# RESOURCES

## WATER TREATMENT SKID, SANTOS WADDY BRAE MINESITE

CLIENT: VEOLIA  
LOCATION: QLD  
YEAR: 2012

### WORLD FIRST DESIGN

In a world first, TFG Group were given the opportunity to fabricate a water treatment module which combined micro-filtration and reverse osmosis carbon filtration systems on the same transportable skid.

The resulting module was capable of converting 30,000L of waste water into potable water every hour.

### COLLABORATIVE APPROACH

TFG was chosen as the successful candidate due to their previous experience with complex filtration projects, combined with their reputation for a high quality finished product. SAF duplex 2205 steel was used for all high pressure pipework and the entire module fit on a 12 metre skid for ease of assembly.

TFG's General Manager, Tom Moultrie said "We were excited to be a part of this project since it had never been done before." The module fabrication was completed within the tight three month schedule and we were delighted with the finished product."

### SCOPE OF WORKS

- Fabrication of individual components using a combination of stainless and SAF duplex 2205 steel
- Container modifications for skid
- Installed equipment pipework
- Fabricated cable trays
- Installed all air lines and controls
- Assisted electrical trades with installation
- Access ladders and safety rails
- Assisted with commissioning
- Disassembled and packaged for safe and secure delivery to site.

