

# CHEMPOSITE® CASE HISTORY – Ductwork

## FRP Ductwork for Odour Control

**INDUSTRY:** Wastewater Treatment

**COMPANY:** W2W Alliance / Clean Teq Ltd.

**LOCATION:** Perth, Australia



### **PROJECT SCOPE & CHALLENGE:**

The City of Perth has experienced rapid population growth in the last several years and part of their comprehensive strategy to increase capacity throughout the region includes several staged upgrades at the Beenyup WWTP. The W2W Alliance (Black and Veatch, Theiss and The Water Corporation) was the general contractor tasked with the project and after an intense competition, Chemposite was selected to provide the fiberglass Ductwork and Dampers that conveys the noxious and corrosive fumes to a Scrubber system. Part of the Scrubber system ductwork was the responsibility of Clean Teq and Chemposite was successful in winning that portion of the supply contract as well. This resulted in a continuity of material supply throughout the entire project.



### **'CHEMPOSITE' SOLUTION:**

Chemposite fabricated the Ductwork according to Australian standards and the unique local project requirements. Much of the Ductwork was large diameter and Chemposite also supplied the Dampers and Duct Supports.

Chemposite organized the site joining work using highly skilled, local Australian labour forces, which resulted in a very professional installation.

### **MATERIALS:**

Fire Retardant resin with 3% Antimony Trioxide added to meet ASTM flame spread standards.

### **OUTCOME:**

The Ductwork was installed during a very tight deadline and has resulted in a highly cost effective system.



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