

## WasteWater Treatment Plant

### FIBREGLASS ODOUR CONTROL GRP TANK COVERS

<b>Customer :</b>	Gold Coast Water
<b>Location :</b>	Pimpama, Queensland, Australia
<b>Install Date :</b>	2007
<b>Service :</b>	Tank Covers
<b>Area :</b>	625 m <sup>2</sup>
<b>Type :</b>	Flat and contoured covers

### Overview

The Pimpama Waste Water Treatment Plant was upgraded in 2007 to include a recycling plant. The covers are exposed to the aggressive, secondary effluent environment within the tanks and to strong sunlight (UV) externally.

The tank cover design was completed by Maskell engineers.

There were two covered areas, the inlet channels and works covered with flat GRP chequer plate, area 90m<sup>2</sup>. Then the bioreactors covered with segmented domed covers spanning up to 12m total covered area 535m<sup>2</sup>. Additional items supplied were inlet vents and dampers fabricated in GRP and PVC.

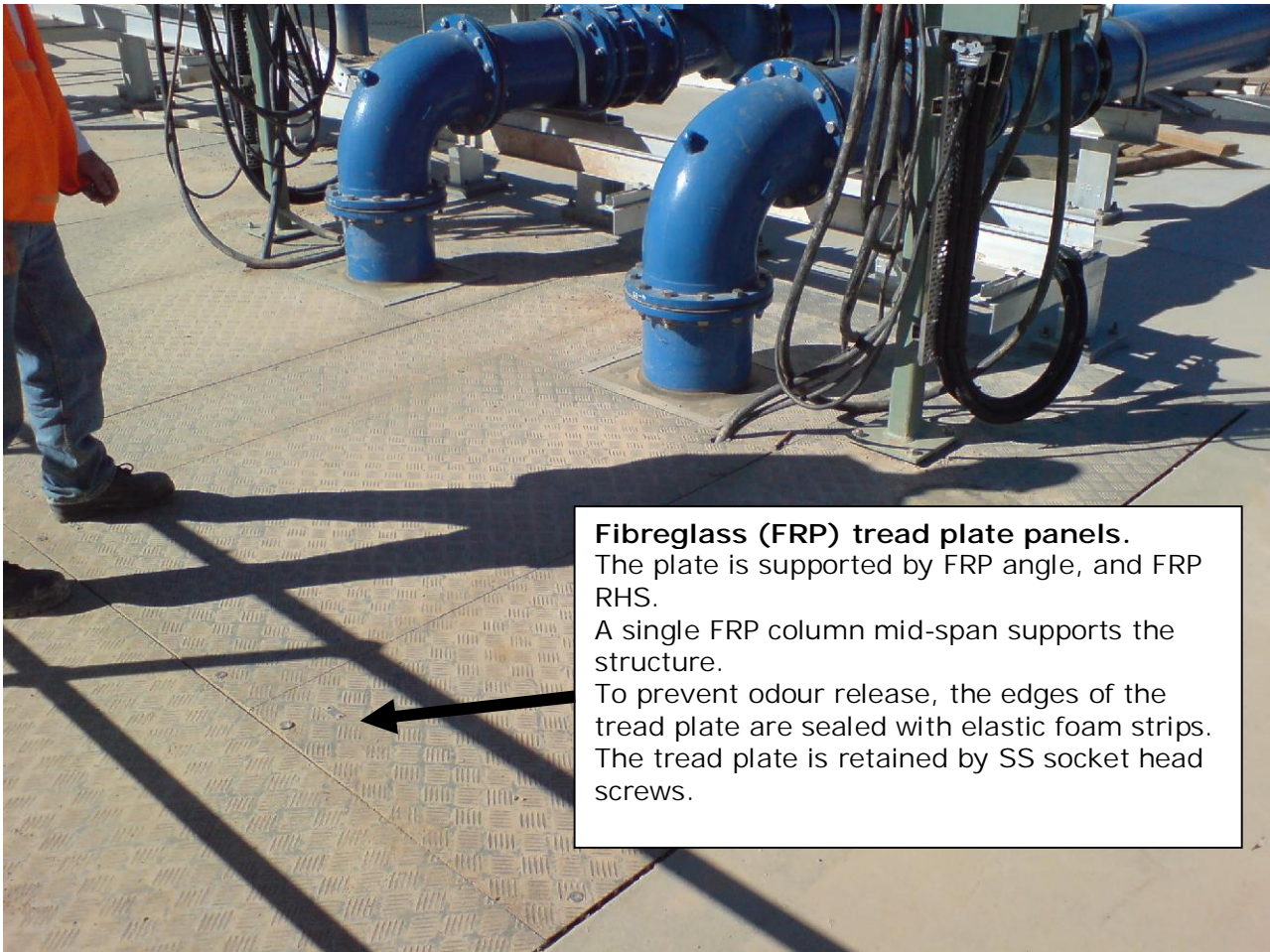


#### MASKELL PRODUCTIONS LIMITED

24 Bowden Road, Mt. Wellington, PO Box 11-185, Auckland 5, New Zealand.

Phone +64-9-573-0548, Fax +64-9-573-0666.

Email: don@maskell.co.nz Website: www.maskell.co.nz



**Fibreglass (FRP) tread plate panels.**

The plate is supported by FRP angle, and FRP RHS.

A single FRP column mid-span supports the structure.

To prevent odour release, the edges of the tread plate are sealed with elastic foam strips. The tread plate is retained by SS socket head screws.