

# Yan Yean Water Treatment Plant

Yan Yean Water Treatment Plant

Operator:  
North West Water Pty Ltd

(As a Build-Own-Operate Contractor to Melbourne Water, Victoria)

Quantity:  
1024 m<sup>3</sup> C & S Filter Coal

Filter Media:  
C & S Coal ES=1.6-1.8 mm UC=1.4 max 1500 mm deep

Silica Sand ES=0.7 mm UC=1.5 max 200 mm deep

This plant was the first Water Treatment Plant constructed under a Build-Own-Operate Contract in Australia, slightly before the Macarthur plant. The Yan Yean plant was also based on pilot plant testing, and uses contact filtration in 10 coarse deep bed dual media filters. It has a capacity of 155 ML/day.