

Quakers Hill Water Recycling Plant  
Penrith Water Recycling Plant  
St Marys Water Recycling Plant

Highly treated wastewater

Feed water balance tank



Reverse osmosis

Strainers

Ultra filtration

Decarbonator

Air

pH correction  
and disinfection

To Boundary Creek  
at Penrith

Recycled water

Recycled water balance tank

Membrane cleaning waste

St Marys Water  
Recycling Plant  
(early process stage)

RO concentrate

to North Head  
Wastewater  
Treatment Plant

