

# CASE STUDY

## PROJECT

### CLIENT

- REDLAND COUNCIL / ALLCONNEX WATER

### LOCATION

- BRISBANE, QLD

### PROJECT

- 10,000 L/h A CLASS RECYCLED WATER TREATMENT PLANT

## OVERVIEW

Redland Council decided to maximise water reuse by adding a recycled water treatment plant to its existing Capalaba sewage treatment plant. The recycled water will be used for above ground irrigation and dust suppression during road and building construction activities.



## BENEFITS

- Up to 240,000 L/d of water available for safe reuse
- Significant reduction of the use of potable town water for irrigation and dust suppression
- Remote tanker fill functionality enabling tankers to refill without entering the Capalaba sewage treatment plant site



## MORE INFORMATION

Please visit  
[www.clearmake.com.au](http://www.clearmake.com.au)  
or call 1800 700 267

## SOLUTION

Clearmake was selected to design, manufacture, install and commission the recycled water treatment system and worked in partnership with GHD consulting engineers and Redland Council. The solution components included:

### Clearmake Recycled Water Treatment System

The system is capable of treating a minimum of 10,000 L/h of water for reuse. This system removes suspended solids, biological components and disinfects the water ready for reuse for irrigation and dust suppression.

### Clearmake Recycled Water Delivery System

This system is capable of delivering 65,000 L/h of water to delivery tankers at a remote location. The control system included full remote functionality to enable tanker drivers to operate the delivery system remotely.

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