

CASE STUDY

PROJECT

CLIENT

➤ QANTAS HANGAR

LOCATION

➤ BRISBANE, QLD

PROJECT

➤ AIRCRAFT WASH DOWN
TREATMENT & RECYCLING
SYSTEM

OVERVIEW

The Qantas Brisbane Airport required water treatment and recycling solutions for treatment of water from wash down of aircraft and parts. The waste water was to be treated and reused for wash down with excess water used for local irrigation.



BENEFITS

- This combination of solutions cost effectively maximises water efficiency on the site
- The solution minimised trade waste discharge costs
- The local storm water system and environment is protected from the pollutants generated on site during the wash down process
- The pay back period on this project was only 18 months

SOLUTION

Clearmake was selected to design, manufacture and commission the water treatment and recycling equipment for the site, working in partnership with Qantas. The solution components included:

Clearmake Water Recycling System

Capable of treating up to 3,000L per hour of wash down water, this system removes silt, oil, grease and heavy metals from the water. It then filters and disinfects the water to ensure it is safe for reuse for wash down or irrigation.

Clearmake Oil Water Separator Systems

It was not practical to recycle water from some parts of the operation. So this water is treated using two Clearmake separators with intrinsically safe control systems before being discharged to the sewer system.

MORE INFORMATION

Please visit
www.clearmake.com.au
or call 1800 700 267