

# CASE STUDY

## PROJECT

### CLIENT

➤ IPS LOGISTICS

### LOCATION

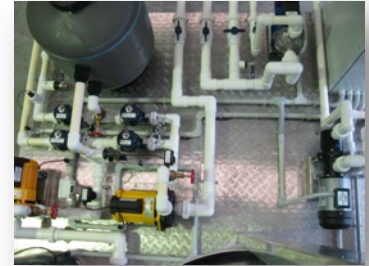
➤ BRISBANE, QLD

### PROJECT

➤ AQIS WASH BAY WATER RECYCLING & FIRST FLUSH DIVERSION SYSTEM

## OVERVIEW

IPS required a new unroofed AQIS (Australian Quarantine Inspection Service) wash bay at its Port of Brisbane facility. The key operational and regulatory requirements of the project were to meet AQIS and local Council requirements while minimising the use of potable town water for wash down operations.



## BENEFITS

- AQIS and local Council approval to expand the site operations as a result of water efficiency and environmental protection measures included in the design
- Minimal use of potable town water for wash down
- Protection of environment from potential imported seeds, weeds and pests



## 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 and commission a first flush diversion and water recycling system for the new wash bay, working in partnership with IPS Logistics and AQIS. The solution components included:

### Clearmake Water Recycling System

Capable of treating up to 1,500 l per hour of wash down water, this system removes silt, heavy metals, seeds, weeds and pests from the water, then filters and disinfects the water to make sure it's safe for reuse for wash down.

### Clearmake First Flush Diversion System

The first flush diversion system collects the first flush from the wash bay and directs it to the recycling system for treatment. Clean storm water is allowed to flow to the local storm water system.

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