

CASE STUDY

PROJECT

CLIENT

➤ GOLD COAST MARINE CENTRE

LOCATION

➤ COOMERA, QLD

PROJECT

➤ WASTE WATER MANAGEMENT
& RECYCLING PLANT

OVERVIEW

During the planning process for the new Gold Coast Marine Centre it was identified that the site would need to incorporate water efficiency and environmental protection measures. The planning and operational objectives were to cost effectively minimise the use of potable town water on the site and provide protection for the local waterways from potential pollution generated on the hardstand area.

BENEFITS

- Planning approval for the new site as a result of water efficiency and environmental protection measures included in the design
- Elimination of the use of potable town water for vessel wash down
- Protection of the adjacent river from wash down water volumes and contaminants

MORE INFORMATION

Please visit

www.clearmake.com.au

or call 1800 700 267



SOLUTION

Clearmake was selected to design, manufacture and commission a water recycling system for new facility, working in partnership with Gold Coast Marine Centre. The system harvests rain and wash down water from the hardstand and treats it to a standard suitable for reuse for vessel washing and toilet flushing. The solution components included:

Clearmake Rain Water Harvesting and Recycling System

The recycling system is capable of treating up to 2,000 l per hour of wash down and rain water. This system removes silt, oil and grease, and heavy metals from the water. Then filters and disinfects it to make sure the water is safe for reuse for vessel wash down and toilet flushing.

Clearmake First Flush Diversion and Spill Control System

The first flush diversion system collects the first flush from the hardstand and directs it to the recycling system for treatment. Clean storm water is allowed to flow to the river adjacent to the site. The spill control system identifies and contains any hydrocarbon spills preventing them from entering the river.

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