

CASE STUDY

PROJECT

CLIENT

➤ HONG KONG INTERNATIONAL AIRPORT

LOCATION

➤ LANTAU, HONG KONG

PROJECT

➤ STORM WATER DIVERSION SYSTEM

OVERVIEW

As part of a facility expansion, Hong Kong Airport required a customised system to divert aircraft wash down water and first flush water from hardstand areas to dedicated water treatment systems. Clean hardstand runoff was to be diverted to the local storm water system.



BENEFITS

- The system ensures contaminated first flush and wash down water is diverted to the treatment system and clean water is diverted to the storm water system protecting the local environment from pollutants generated on the hardstand.
- The diversion system also minimises the volumetric load on the treatment system ensuring it is only required to treat contaminated water.

SOLUTION

Clearmake was selected to design, manufacture and commission a custom storm water diversion system for the new facility, working in partnership with Kaden Consulting Engineers and Hong Kong Airport. The solution components included:

Clearmake Custom Storm Water Diversion System

The diversion system automatically identifies when a wash down or first flush event is occurring and diverts the associated hardstand run off to the water treatment system. All other water is diverted to the local storm water system.

MORE INFORMATION

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