

CASE STUDY



PROJECT SERVICE STATION WASTEWATER TREATMENT FOR FUEL RETAILER

PRODUCT Oil Water Separator

INDUSTRY Infrastructure and Urban Development

LOCATION Multiple sites across Australia

BACKGROUND

A large national fuel retailer had a requirement to treat their waste water prior discharging to a sewer network. As a means of compliance and to ensure the local sewer network and environment was protected, the fuel retailer has purchased and installed a number of MAK Water's Clearmake™ Oil Water Separators across their sites nationally.

SOLUTION

MAK Water delivered a series of off-the-shelf oil water separators to handle flow rates from 800 litre per hour to 4,000 litre per hour.

SUPERIOR VERTICAL TUBE COALESCING (VTC) TECHNOLOGY

- Improved separation via the unique spiral tubes
- VTC blocks provide optimum flow, serviceability and durability

EFFICIENT REMOVAL OF FREE FLOATING HYDROCARBONS

- Removes 95% of oil droplet particles greater than 10 microns
- Removes 100% of oil droplet particles greater than 10 microns

RESULTS AND BENEFITS

- **Quick response.** Off-the-shelf solution ready for shipping within 7 days of order
- **Lowest total operating cost.** Due to the large quantities of wastewater generated in the wash bay, onsite treatment was the only economical option
- **Compliance.** Maintains compliance with strict treated water quality requirements
- **Quality.** High quality stainless steel construction extending the design life of the asset



Clearmake™ Oil Water Separators are able to handle flow rates from 800 l/h to 4,000 l/h



7-Eleven fuel retailer