

# Optimising operational costs

## Automotive



By providing the customer with a joint water and waste management approach, SUEZ have significantly reduced the customers operating costs of the effluent treatment plant while optimising its performance.



## About the customer

A UK leading supplier of diesel and gas engines in the 4-2000kW market. They were established over 80 years ago in cambridgeshire where its head office and UK manufacturing facility remains today. The site's 50m<sup>3</sup> per day effluent treatment plant (ETP) includes a balance tank, pH correction, dissolved air flotation (DAF) unit and sludge treatment unit. Previously, it was operated by two full time operators and they were experiencing a number of technical issues causing the plant to failure its discharge consent. As part of a site-wide plan, the customer wanted to reduce their overall operating costs and become more efficient, and approached their existing waste management provide, SUEZ, to review this.



to meet its discharge consent, optimised its efficiency and improved the long term operations while significantly reducing operating costs.

## Benefits

### Improved operations

As experts in water management, SUEZ have implemented best practices in operating and maintaining an effluent treatment plant, which has proven effective even on a plant that is over 50 years old.

### Reduced operating costs

In less than a year, the SUEZ partnership has significantly reduce the operating costs of the effluent treatment plant by up to 90%, which is a substantial cost saving for the customer.

# 90%

reduction in operation costs

### Minimised environmental impact

By reviewing the operations and implementing best practices, Perkins Engines now have effluent treatment plant that meets its discharge consent.

## Our Solution

Together, SUEZ R&R and SUEZ Water UK worked in partnership to review the ETP operational requirements to identify cost savings and develop synergies using existing SUEZ staff who are on site seven days a week. After a full review of the plant, together, with the customer, we developed a sustainable operations service plan that initially reduced operating costs by more than 70% which increased to 90% after 10 months. Technical, operational and management support was provided to address and overcome the issues the plant was experiencing. This enabled the plant

### contact

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