



### Summary

|                        |                             |
|------------------------|-----------------------------|
| <b>Industry:</b>       | Water & Waste Water         |
| <b>Application:</b>    | Ditch Rotor Motor & Gearbox |
| <b>Actual Saving:</b>  | £100,000                    |
| <b>Payback Period:</b> | N/A                         |



## Avoiding Environmental Disaster: Emergency Repairs Completed in Under 48 hours

Swift Recovery from the Verge of a Complete Failure

### ISSUE

ERIKS received an urgent enquiry from a major UK utility customer that two of their ditch rotors had failed leaving them very susceptible to consent failure.

The ditch rotors are part of the water treatment process and aerate the water. Should the aerators fail, an increase in ammonia will occur which can lead to a complete biological process failure resulting in a breach in environmental consensus and a subsequent fine from the environmental agency. In summary, the cost of the failure would be very high.

### SOLUTION

The enquiry was received on a Thursday afternoon, with the urgency of the situation ERIKS responded the same day with possible solutions with the customer to find out what is best for them.

The solution was swiftly agreed so engineers could arrive on site the next day to strip out both units and install replacements for the motor and gearbox. The ERIKS team worked well into the night in order to get both units installed and the customer back to peak efficiency as soon as possible.

By the Saturday the units returned to service and potential failure was averted.

### OTHER BENEFITS

- Technical Expertise
- Rapid Response to Emergency Problem
- 24/7 Support
- Imminent Failure Avoided in Less than 48 Hours

### FURTHER COMMENTS...

The technical expertise of ERIKS Engineers got the customer back up and running in a short space of time, working alongside the customer to achieve the best possible outcome.

### MORE INFORMATION

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