



## Summary



|                        |                  |
|------------------------|------------------|
| <b>Industry:</b>       | Utilities        |
| <b>Application:</b>    | Humus tank drive |
| <b>Actual Saving:</b>  | £Undisclosed     |
| <b>Payback Period:</b> | Undisclosed      |



## Reduced environmental risk and energy usage

ERIKS redesign drive for wastewater customer

### ISSUE

A large Wastewater customer had an issue with a double reduction worm gearbox which suffered major mechanical failure resulting in a cracked gearbox housing. This caused the site to be in high risk of environmental consent breach requiring an urgent priority resolution.

### SOLUTION

ERIKS Gearbox Application Engineers redesigned the drive using a modern helical bevel gearbox and modified the base plate to suit.

In addition to reducing the environmental risk, readings taken after the refit show 40% reduction in energy usage.

### OTHER BENEFITS

- Old gearbox no longer available
- Speed of replacement in a breakdown situation

### FURTHER COMMENTS...

ERIKS Engineers installed the solution within 3 days, which the customer was highly satisfied with.

### MORE INFORMATION

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