



## Summary

<b>Industry:</b>	Water & Waste Water
<b>Application:</b>	Pumping Station
<b>Actual Saving:</b>	£
<b>Payback Period:</b>	



## ERIKS Know-How Averts Environmental Pollution

Quick, efficient in-house pump repairs reduce contamination

### ISSUE

A local water authority required an urgent repair on an obsolete Weir Swallowglide pump. The pump was installed in a critical pumping station based on the North East coastline, because of the resulting failure raw sewage was flowing directly into North Sea. This caused the water authority a lot of bad publicity with local residents and the environment agency.

### SOLUTION

The water authority arranged temporary over pumping with a framework approved hire pump company and the pump was collected for repair. Upon receipt at ERIKS repair workshop in Killingworth, the pump was immediately de-contaminated, inspected and a condition report produced.

Internal components were found to be worn, and needed to be replaced. The seal housing and impeller were shot blasted, a new bearing housing, bush and mandrel were manufactured. New bearings, V seals and service exchange mechanical seal were fitted. The Impeller then had a belzona coating applied. The pump was reassembled and returned to site.

### OTHER BENEFITS

- In-house repair workshop
- Comprehensive repairs to return equipment back to the manufacturers original specifications
- Complete pump application knowledge

### FURTHER COMMENTS...

The pumping station was now fully operational and all flows were now being pumped through the sewage network.

### MORE INFORMATION

#### ERIKS Industrial Services

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know-how makes the difference

