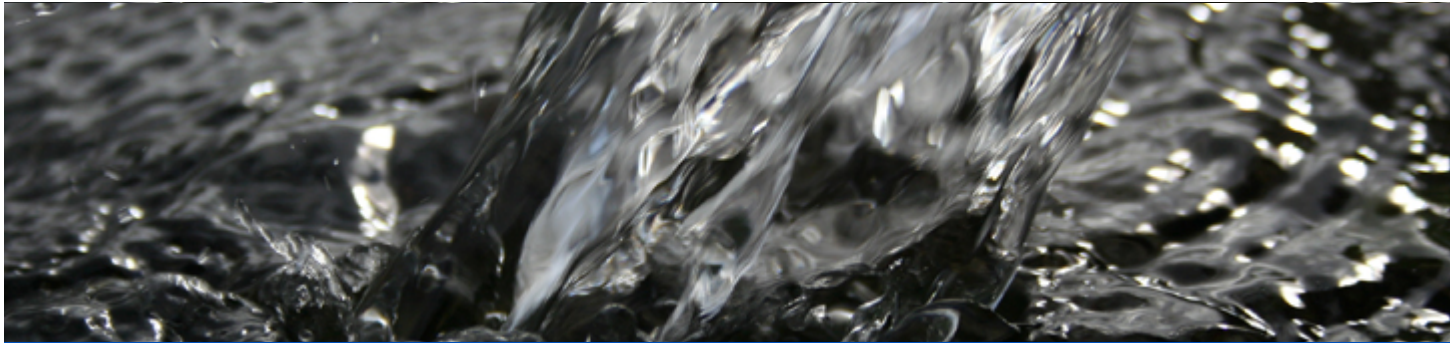




Summary

Industry:	Water & Waste Water
Application:	Archimedes Screw
Actual Saving:	£50,140.00
Payback Period:	



Archimedes Screw Repaired In Situ

Significant cost savings by reclaiming damaged flights

ISSUE

A large Utility company were faced with damaged flighting on their Archimedes Screw, due to a failed bearing causing the main screw to drop and wear. The Archimedes Screw was now not operating efficiently and was failing to move the medium. Previously, the customer had to replace the entire screw, at significant cost. In addition, due to the close proximity of a railway line, and the specialist carriage needed to move the screw, the rail link would have had to be suspended during the move.

SOLUTION

ERIKS Specialist Project Engineers constructed new flights from steel and welded them onto the existing flights, returning the screw to effective working diameter and condition. All the work was carried out in situ, savings significant costs, disruption and downtime.

OTHER BENEFITS

- Significant cost savings
- Decreased downtime and reduced disruption

FURTHER COMMENTS...

In addition to the considerable cost savings of a new unite, ERIKS removed the need for suspending the rail link and the need for cranes and specialist transport.

MORE INFORMATION

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know-how makes the difference