



Summary

Industry: Utilities
Application: RBC Main Frame
Actual Saving: £33,700.00
Payback Period:



Rotary Bio Centrifuge Failure on Sewage Treatment Plant

ERIKS replace corroded main frame resulting in significant savings

ISSUE

A large Utility company were faced with a corroded main frame which had caused the RBC (Rotary Bio Centrifuge) to fail on their packaged sewage treatment works. This failure is critical on a packaged works, as no other treatment can continue if one section of the works fails.

The customer was faced with significant expenses and the inconvenience of having to tanker the sewage to other works whilst their plant was down.

SOLUTION

Previous failures of a similar nature have resulted in the customer having to replace the complete unit which included the hire of cranes, tankers and the cost to dispose of the old media.

ERIKS Specialist Engineering Project Engineers cut out the corroded frame in sections. They used the old frames as a pattern to fabricate new frame sections and media support bars at ERIKS Greensford site. These new frame sections were installed in situ.

OTHER BENEFITS

- Significant cost savings through replacement solution
- Downtime decreased by replacing part in situ

FURTHER COMMENTS...

Considerable savings in both money for cost of new verses engineered solution and time by reducing the waste and time needed for crange and tankering.

MORE INFORMATION

ERIKS Industrial Services

Amber Way, Halesowen,
West Midlands B62 8WG

Tel: 0845 006 6000

Web: www.eriks.co.uk

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