

Case Study

Electro Mechanical Services



Summary



Industry:	Water and Wastewater
Application:	Inlet Fine Screens
Actual Saving:	Estimated £15,000
Payback Period:	Unknown



Screens

ERIKS undertakes a screen repair and overhaul programme

ISSUE

ERIKS were commissioned with the overhaul of 13 inlet works screens for a large water utility company due to the age and condition of the equipment and some critical screens being out of service.

Screens are used to remove solid particles from the water treatment process larger than 6mm. Failure of the screen has many detrimental effects such as major disruption to onsite plant, ragging of sludge pumps, process disruption and most importantly possible consent failures.



OUTCOME AND BENEFITS

Screens repair and overhaul were all part of a screens programme ERIKS holds the contract with a large sewage treatment facility.

Over the last two years all repaired screens by ERIKS have been running faultlessly with no callbacks on the original warranties.



SOLUTION

ERIKS were commissioned to carry out a complete overhaul to bring the screens back to a as new condition.



ERIKS completed a site survey and provided the customer with a detailed plant & site survey for each screen to accompany each quotation. Once ERIKS recieved the go ahead for the project the removal and transportation of the screens to the dedicated screen workshop was completed using fully insured Contract Lifts to comply with regulations.

Once Safely in the workshop the screens were stripped down into component parts. ERIKS then sourced through the screen OEM's the critical spares to be delivered in conjunction with the removal of each



screen to enable a short turn around time for refurbishment, saving costly plant downtime.

Where OEM's were unable to deliver obsolete

components – ERIKS in-house project engineers were able to reverse engineer components to ensure the plant delivery targets were achieved

All of the manufactured/OEM components and work undertaken by ERIKS are covered by a standard warrenty period.



As a result of ERIKS involvement all screens are now fully functional and have been running faultlessly for two years with no call backs or issues with the original warrenties.

MORE INFORMATION

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