

L&J ENGINEERING PROJECT CASE STUDY

L&J Engineering have run hundreds of projects over the last 15 years. Our case studies represent just a few of the projects, with more to be added from time to time.

Aerator Refurbishment

Aerator refurbishment project for Welsh Water, Coslech Sewage Treatment Works



Project Description

L&J Engineering received the original aerator at our machine & fabrication workshops from Welsh Water - Dŵr Cymru in a particularly worn-out state and, in fact, was broken into two pieces. We completely stripped the unit and after taking detailed measurements, we manufactured in-house a new drive end-plate and steel centre core tube.

We rebuilt the unit using a combination of reconditioned blades and new blades, which were sourced by L&J Engineering, before delivering back to the site at Coslech Sewage Treatment Works by low loader, ready for use.

We turned this project around and delivered the unit within Welsh Waters' requested time frame, completing this work for 25% of the cost of a new aerator.

Project Details

Client: *Welsh Water- Dŵr Cymru*

Site: *Coslech Sewage Treatment*

Project Date: *January, 2013*

Project / Service: *Welding and Fabrication*

Industry Sector: *Water*



