

# Case Profile: Fast-track Aeration



## Client: United Utilities & Anglian Water

There are many occasions when a rapid response to breakdowns or the need for supplementary aeration are essential. Here are just 2 projects where we were able to act immediately to provide a fast track solution.

### United Utilities

The failure in performance at a works in Lancashire was attributed to tired pumps and an inefficient coarse bubble aeration system.

Pollution Control designed a retro fit fine bubble system which could easily replace the old system with little disruption to the process, complete with the supply of the latest highly efficient side channel blowers. From receipt of order, the whole project including Installation was completed within three days and the works is now meeting all its process requirements.



### Anglian Water

Due to additional loads on an existing oxidation ditch Brent M&E were instructed to find a quick supplementary aeration system.

Pollution Control designed two weighted aeration grids, each fitted with 32 rubber membrane diffusers capable of delivering a total additional 100m<sup>3</sup> plus of air efficiently into the wastewater. One of the weighted aeration frames as assembled in our workshops We also supplied a custom built air manifold with distribution pipe work to connect to an

existing blower. From the call to commissioning the whole project took 8 days and no drain down was required.

*Pollution Control are able to provide a fast track response when problems occur in aeration process's. We offer short term or long term solutions which are often available for installation without disrupting the on-going process. We can supply emergency hire systems or alternative process's when refurbishments are being carried out.*

**Contact our saleshire department for further information.**