

# PITA Training & Conferences

Paper  
Industry  
Technical  
Association

*PITA & Peter Luimes present . . . .*  
**“Fundamentals of Wastewater Treatment”**

*4<sup>th</sup> & 5<sup>th</sup> October 2022 / Venue TBA*

This Two Day course will focus on optimising biological treatment plants to meet BAT, reduce operating costs and generate revenue.

The course will be of relevance to any paper industry site operating or considering investment in an activated sludge plant, a biological filter or anaerobic digestion plant.

BAT8 covers the monitoring of ‘key process parameters and of emissions to water and air’. Make sure you are ready for it with this course!



## Day One:

- **Wastewater Characteristics:** What is COD, BOD, ammonia, phosphate?
- **Nutrient Addition:** Balancing nitrogen and phosphorus to achieve consent
- **Aerobic or Anaerobic:** Costs, income, reactor types
- **Troubleshooting:** Scaling, overloading, septicity

## Day Two:

- **Activated Sludge Processes:** The importance of sludge age and how this affects settlement rates
- **Optimising Final Sedimentation Tanks:** Getting the most out of the final tank when settlement is poor
- **Microscopic Analysis of Activated Sludge:** What to look for and what it means
- **Filamentous Bulking Control Strategies:** Selectors and chemical addition

Only £700 (plus VAT) per person for the two day course, including full electronic course notes, refreshments & six months complimentary membership of PITA

**For further details & to book your place on this course, contact Helen in the PITA Office (0300 3020 150 / [helen@pita.org.uk](mailto:helen@pita.org.uk))**



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