

# PITA Training & Conferences

## *PITA & Graeme Finlayson present . . . .* **“Fundamentals of Wastewater Treatment”**

*8<sup>th</sup> & 9<sup>th</sup> October 2019 / PITA Office / Bury*

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 £650 (plus VAT) per person for the two day course, including full course notes, refreshments & six months complimentary membership of PITA (member discounts apply)*

**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))**

Paper  
Industry  
Technical  
Association

*I liked the interactive nature and going through calculations and worked examples to apply the information we had just learnt.*

*The best aspect of the training was that it helped me to think about treatment in a more holistic way*

*Many thanks for what was a very well received couple of days. The way you adapted to the audience was excellent, Matt clearly has expertise that we would like to call on at some point*



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