

Successfully using Instrumentation in Challenging Wastewater Environments

4th March 2020

Mercure Altrincham Bowdon Hotel, Langham Road, Bowdon, WA14 2HT

Data from on-line instrumentation is increasingly being used for process optimisation and control and for monitoring compliance critical operations. Such instrumentation is therefore becoming fundamental for managing risk, maximising efficiency and providing the wider business with reliable and trusted information. It follows that proper installation, maintenance and operation is essential.

Although the quality and reliability of instrumentation has improved significantly over recent decades there remain applications which are operationally challenging. In many cases the challenge arises because of inappropriate technology selection, poor installation and/or insufficient maintenance.

To contest this view, this workshop will present examples where new thinking has delivered solution and proven best practice for instrumentation use in challenging wastewater applications.

Chair: Leo Carswell, Water Research Centre

09:30 Tea, Coffee & registration

10:00 Introduction by the Chairman. **Leo Carswell, Water Research Centre**

10:10 Water company view. **Richard Bragg, United Utilities**

10:40 Group discussion - challenges, opportunities and capturing success.

10:55 Tea & Coffee

11:15 Instrumentation in challenging environments - it's not just waste water. **Simon Dawe, Metasphere**

11:45 Sensor applications in Activated Sludge Process. **Michael Dooley, Strathkelvin Instruments**

12:15 Discussion & Lunch

13:15 Real world vs theoretical world installation and the pitfalls and challenges. **Paul Norman, Partech**

13:45 Control and reliability improvements on challenging operation of sewage pumping stations.
Matthew Westgate, Vega and Lorenzo Pompa, Anglian Water

14:15 [Presentation title TBC] **Dave Wilson, In Situ**

14:45 Discussion & Close

REGISTRATION: The cost of attending the Workshop is £95.00 inc VAT for SWIG members. £171 inc VAT for non-members. £22 for students. Literature may be distributed for a fee of £71 and a limited number of table top displays are available at £136 each. Registrations can be made by Tel 01934 830658 or by email to rosa.richards@swig.org.uk or using the on-line booking form.
Please advise of any special dietary requirements at time of booking.
Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.