



Effluent Flow Monitoring and CSOs

29th February 2012

Waterworks Museum, Broomy Hill, Hereford, HR4 0LJ www.waterworksmuseum.org.uk

Monitoring discharges that enter watercourses and the sea from various sources has become second nature now to the British water industry. The Mcerts certification scheme for effluent flow monitoring has driven up standards of measurement and focussed minds on how well the associated instrumentation works.

CSO monitoring is now ubiquitous with upgraded consents forcing the pace of new monitoring, initially for shellfish waters but now also for bathing waters. The revised bathing waters directive (2006) is the driver for this: it comes into force in 2015, when all bathing waters will have to be at least in the "sufficient" category of bathing water quality. There is now increased awareness by the public on the existence of CSOs and a desire to know what impact, if any, they have on bathing water and shellfish quality. This follows high profile programmes such as Panorama in 2009.

This workshop provides an update on the latest news on Mcerts, effluent flow measurement and CSO monitoring.

A guided tour of the museum, a Victorian water pumping station, is included at the end of the seminar programme. **Please reserve your place on the tour at the time of booking.**

10% Early Bird Discount for Bookings by 3rd February 2012

Chairman: Robin Lennox, ICA Specialist, South West Water

09.30 Coffee & registration

10.00 Introduction and overview

Robin Lennox, ICA Specialist, South West Water

10.10 MCERTS update - Can you believe your magmeter?

Bob Cooper, Technical Director, Sira Certification

10.35 MCERTS Horror Stories - A brief look into the 'Not So Pretty' Flow Structures and ways of making them compliant

Paul Cherry, Flow Specialist, Emerson Process Management Ltd

11.00 Tea / coffee

11.30 Getting it right (non-contacting level in CSOs)

Keith Flint, Sales & Marketing Director, Pulsar Process Measurement and Tim O'Brien, CEO, Metasphere

11.55 'Thames Tunnel' Project update

John Greenwood, Senior Technical Consultant, Thames Water

12.30 Lunch

13.30 CSO Monitoring – The Real World - Issues and Problems

Paul Nield, Senior Instrumentation & Control Engineer, United Utilities

13.55 Beach Live – A Premium Service for a Premium Price

Ron McCawley (Principal Scientist, Compliance) and Kathy Perkins (Data Technician, Asset Management) South West Water

14.20 Storm Catcher – Event and Resource Management using Remote Technology

Kieran Williams, Development Manager, Environmental Monitoring Solutions

14.45 Close of presentations

15.00-16.00 Museum Tour

REGISTRATION

The cost of attending the Workshop is £78.00 inc VAT for members of SWIG and £140 inc VAT for non-members. Literature may be distributed for a fee of £60 and a limited number of table top displays are available at £110 each. Registrations can be made by Tel: 01925 855741, email: linda.smith@swig.org.uk, web: www.swig.org.uk using the on-line booking form. **Please advise if you have special dietary needs.** Cancellation policy: Refunds can only be made if cancellations are notified at least 5 days in advance of the Workshop date.