

1st February 2012

Sir William Siemens House, Princess Road, Manchester, M20 2UR

Location map: www.swig.org.uk/files/cms/Siemens%20Manchester%20location_1319103177.pdf

The implementation of Drinking Water Safety Plans has reinforced the security of the water supply chain. However, the risk to drinking water supplies from accidental or, more significantly, deliberate contamination may not always be adequately mitigated by the DWSP approach. Water Companies need to be able to respond to actual or potential incidents in a way that protects the customers and provides them, and the Regulators, with confidence that adequate security is in place.

Abstraction from surface water sources has always carried the risk of accidental contamination from known activities within the catchment or from spillage of material during transport, and protection schemes have been developed to help mitigate this risk. The threat from deliberate contamination is less predictable, however, and measures to guard against this have often relied on physical security – fences, tamperproof covers and cameras. However, there is also a role for monitoring systems and approaches to identify contamination events, for both raw water and in distribution, to protect water supplies; systems are available for this, but are not yet widely used within the UK Water Industry.

The workshop will address the risks associated with both accidental and deliberate contamination of water supplies, and the measures available to enhance security and monitor water quality to guard against these risks and maintain the security of water supplies.

Siemens demonstration rooms containing working displays of leading instrumentation and camera systems will be available for viewing and demonstration at the mid morning and lunch breaks.

Siemens has a temporary shortage of car parking spaces (due to a large construction project). Any delegates staying at the Premier Inn are requested to leave cars there, and make the short walk across the road to the office.

Chairman: Tom Hall, Principal Consultant, Water Supply, WRc

09.30 Coffee & registration

10.00 Introduction and overview

Tom Hall, WRc

10.10 Sense and Sensor-ability

John Gray, consultant and ex Deputy Chief Inspector, DWI

10.40 Achieving control of asset security and safety

Gert Rohrmann, Portfolio Development Manager, Siemens Building Technologies (Fire & Security)

11.05 Tea / coffee

11.30 On-line monitoring of the River Dee

Ian Skilling, United Utilities & Ian Warburton, Laboratory Manager, Severn Trent Services Analytical Services

12.00 Early Warning Systems for Water Intake Protection in China

Victoria Gray, Cymtox R&D Manager, Modern Water

12.30 On-site Monitoring of Surface and Ground Waters

Brad Weaterton, Managing Director, Multisensor Systems Ltd

13.00 Lunch and networking

14.00 Asset monitoring using distributed acoustic sensing

Noel Brahma, Business Development Manager (New Markets & Applications), Silixa Ltd

14.30 Rapid detection of trace contaminants and chemical threats using FAIMS

Billy Boyle, Co-Founder, Owlstone

15.00 Assuring drinking water quality in real time

Richard Booth, Country Manager (UK), Liquim Oy

15.30 Close

REGISTRATION: The cost of attending the Workshop is £78.00 inc VAT for SWIG members. £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.