

Leakage Management: Leak Detection & Challenges with increased use of Plastic Pipelines

20th June 2012

SciSys Ltd, Methuen Park, Chippenham, Wiltshire SN14 0GB (Tel: 01249 46646)

With little rainfall over the winter, one of the driest Months of March since records began and even with April's Deluge, it seems inevitable that large areas of the UK will face water scarcity this summer. Political and Public scrutiny will fall upon leakage figures and what's being done to provide good Leakage Management and water conservation. This workshop will discuss the regulatory objectives for Leakage Management and look at some of the challenges to pinpoint leaks, especially as use of plastic pipelines has increased over recent years. It will also report on: water industry experience and new technologies deployed and being developed; using Active Leakage Management; DMA's; flow metering; pressure measurement; and control and noise correlation techniques. The workshop group will also hear from SciSys with experience from other sectors, applicable to water leakage.

Chairman: Tony Hoyle, General Sales Manager UK & Ireland, ABB Ltd

09.30 Coffee & registration

10.00 **Introduction and overview**

Chairman

10.05 **Current and future challenges for managing leakage**

Dene Marshallsay, Director, Artesia Consulting

10.25 **Demand Management – the Environment Agency Perspective**

Dean Russell, Advisor Demand Management, Environment Agency

10.45 **South West Water's Operational Challenges**

Malcolm Roberts, Leakage Manager, South West Water

11.10 Tea / coffee

11.40 **Preventing Leaks in Plastic Pipes**

Matt Lewis, Regional Supply Interruption Manager, Severn Trent Water and Ben Crabtree, National Utilities Manager, ControlPoint (Fusion Group)

12.05 **Leakage Management, flow and pressure measurement technology for DMA's.**

Tony Hoyle ABB Ltd.

12.30 **From Mars to Water Mains: How space exploration can assist innovation in Leakage Detection and Repair**

Dr Mark Woods, Autonomous & Intelligent Systems & Chris Burton, Environment and Utility Solutions, SciSys UK Ltd

13.00 Lunch and networking

14.00 **How leak detection technology actually gets used: results of the UKWIR "survey of leak detection practices" project**

Steve Tooms, Leakage Consultant and Simon Dray, Managing Director, Hydrosave

14.30 **Trunk Main Leak Detection Methodologies and Application to Plastic Pipes**

Roger Ironmonger, Managing Director, Primayer Ltd

15.00 **Leak Noise Correlation on Plastic Pipe: a Project Case Study from Resolute Bay, Canada**

Marc Bracken (CEO) & Mark Loveday (Regional Manager, Europe), Echologics

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.