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Sensing and data driven technologies for future smart water networks

6 June 2018

Hebden Bridge Town Hall, St George's Street, Hebden Bridge, HX7 7BY

The workshop aims to examine the role that water quality sensors (e.g. residual chlorine) and water property sensors (e.g. pressure) will play on the journey towards SMART water networks of the future. The water industry has taken some first steps on the journey, this workshop will explore the state of the art and look at what can be achieved now and in the near future.

Chair: Mike Strahand, ATi

09.30 Tea, coffee & registration

10.00 Introduction by the Chairman. **Mike Strahand, ATi**

10.10 Practical issues associated with deploying sensors in networks. **Simon Dray, Hydrosave**

10.35 Moving data from the point of measurement to an analysis space. **Paul Sanders, Caption Data Ltd**

11.00 Tea & Coffee

11.30 Case studies of current sensor usage with a view to predicting possible future benefits. **Derek Leslie
Severn Trent Water**

11.55 Case studies of current sensor usage with a view to predicting possible future benefits. **Jez Downs &
Mark Tully, Southern Water**

12.20 Q&A panel session

12.35 Discussion & Lunch

13.30 Case studies of current sensor usage with a view to predicting possible future benefits. **Paul Linford,
Syrinix**

13:55 A glimpse into the future of data analytics as applied to water quality in distribution networks,
Stewart Husband, Sheffield University

14.20 Emerging sensor technology for new parameters. **Gavin Bell, Warwick University**

15.55 Why are sensors not more widely deployed? **Garry Tabor, ATi**

15.20 Q&A panel session

15.35 Discussion & Close

SWIG REGISTRATION: The cost of attending the Workshop is £92.00 inc VAT for SWIG members. £166 inc VAT for non-members. £21 for students. Literature may be distributed for a fee of £69 and a limited number of table top displays are available at £132 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.