

# **PRESS INFORMATION – no embargo**

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## **Intellitect delivers first GPRS drinking water monitors**

Christchurch, UK - January 2008

INTELLITECT WATER (UK) has recently delivered the first real-time, in-pipe water quality monitors to customers in both the UK and overseas.

Intellitect's Chief Executive, Tony Halker, says: "This is a very significant milestone for the business; the Intellisonde™ monitors have internal dataloggers which enable them to record water quality and flow data continuously. However, the addition of GPRS puts the product in a league of its own; Water Companies can now access continuous data remotely which provides them with enormous advantages.

"Until now, delivered systems have recorded continuous data for collection and analysis at a later stage. This has enabled the detection of water quality incidents, albeit after they have occurred. Nevertheless, this data has proved extremely valuable in helping Water Companies to improve network modelling and to gain a better understanding of water quality at the point of delivery. However, the addition of GPRS real-time monitoring means that Water Companies are able to take a proactive approach, using data to continuously refine and improve operational efficiency, water quality and customer satisfaction."

Up to 12 different measurands are available on each Intellisonde™ from sensors mounted inside a tiny sonde head that fits in the pipeline through a 1½ inch valve. Parameters include a Patented, robust, highly accurate solid-state chlorine sensor that can monitor continuously for up to 6 months without recalibration.

Measurement options include Free Chlorine, Total Chlorine, Mono-chloramine, Dissolved Oxygen, Conductivity, pH, ORP/Redox, Flow, Pressure, Temperature, Turbidity and Colour. Importantly, none of these require membranes or reagents and the sondes can be deployed for long periods without the need for frequent recalibration or maintenance.

Whilst most of the Intellisondes™ that have been employed in initial trials have been the basic logging version, Tony Halker believes that the GPRS version will be the instrument of choice once the monitors are rolled out to Water Company operational teams.

## **ENDS**

**Words: 307**

### **Notes to editors:**

- Originally formed in 2005 and operating from three sites in the UK, Intellitect Water Limited (IWL) develops highly innovative water monitoring instrumentation.  
The business is venture capital backed with the principal shareholders being Credit Suisse, Pemberstone Group and Management, including former Chief Executives of both Anglian Water and South West Water.  
The company has combined many years of experience in the water sector with a deep understanding of monitoring technology to create unique products for the measurement of chlorine and other key water quality parameters within drinking water distribution networks.

### **Key features of the technology include:**

- Solid state membrane-free sensor technology
- Tiny 'plug-and-play' sensors
- No requirement for chemical reagents
- Robust and highly accurate
- Built in data logger
- GPRS capability
- Easy to use, with no special software

**The major benefit of Intellitect's products is that they provide water companies with access to water quality data after it leaves the treatment plant and before it reaches the consumer.**

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