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STL Scoop IWO Innovation Award

Severn Trent Laboratories, Coventry, United Kingdom –December 2, 2008–

Severn Trent Laboratories (STL) Ltd recently scooped a prestigious award for a new analytical method for the investigation of Pesticides in Drinking Water. STL were successfully chosen as the Product Category award winner at the Institute of Water Officers (IWO) Wales Innovation Awards 2008, at the ceremony earlier this month.

The analysis of pesticides is a complex and often costly process. The method developed by STL utilises Liquid Chromatography, Triple Quadrupole Mass Spectrometry (LC-QQQ) to reduce the steps involved in the analytical process thereby reducing labour and other associated costs. STL's Technical Development Team and potable water laboratory teams worked together to develop a method that improves the speed and quality of analysis by utilising the LC-QQQ technology. In developing the new method, STL have been able to reduce the sample preparation processes, reduce their environmental impact by removing some of the hazardous reagents associated with the process and also reduce electricity consumption for the process by over 60%.

STL are the first water laboratory to use the technology in this way to analyse over 50 pesticides. The analytical results generated by this new method can be used for routine pesticide monitoring in Drinking Water and meet Drinking Water Inspectorate requirements. STL's customers have benefitted from reduced sample volume and improved quality of analysis as a direct result of the new method.

About Severn Trent Laboratories

STL offer leading solutions in Water, Land and Waste analysis, providing scientific services in Chemistry, Microbiology and Ecotoxicology. We also offer a range of support services including Sampling, Scheduling, Field Services, equipment for hire, Key Account Management and Project Management to help our customers find a solutions package that meets their requirements. We are committed to delivering a reliable, consistent and quality service for our customers.

About Severn Trent Services

Severn Trent Services (www.severntrentservices.com), with global headquarters in Fort Washington, Pa., is a leading supplier of water and wastewater treatment solutions. The company's broad range of products and services is concentrated around disinfection, instrumentation and filtration technologies, contract operating services and state-of-the-art residential metering products and services. Our analytical services group is the United Kingdom's leading environmental testing organization, and our international management services business provides support in all aspects of water and wastewater utility operational development and business transformation. Severn Trent Services is a member of the Severn Trent Plc (London: SVT.L) group of companies. Severn Trent is a FTSE 100 company.

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PICTURE: Peter Perry, Operations Director Welsh Water, Gavin Mills and Tim Down, STL Ltd receiving the award.

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