



The AWWA Water Security Congress attracted many water industry professionals which were seeking the most current information on water security challenges. This event provided a forum for water industry leaders to learn, network, and share ideas regarding the safety and security of the water supply and public health.

On the Congress the TOXscan combination was introduced. This is a combination of the TOXcontrol (the toxicity monitor from microLAN On-line Biomonitoring Systems) and the UV-VIS submersible sensor (from s::can Liquid Monitoring Networks).

Joep van den Broeke from s::can presented the first results from a study performed by the RIVM (Dutch Institute for Public Health and the Environment) together with Kiwa Water Research, which evaluated the use of Early Warning Systems in the Dutch water supply. This study was commissioned by the Dutch Ministry of Housing, Spatial Planning and the Environment and evaluated potential threats to the drinking water supply as well as available monitoring techniques for the rapid detection of these threats.



The 2 systems were selected for an evaluation against live chemical agents. At RIVM, KIWA and TNO, the detection of a selection of industrial chemicals, pesticides, bio toxins and chemical warfare agents was evaluated. This included assessment of the sensitivity, detection limits and general operational aspects of the instruments. It was concluded that both the spectrophotometer and the Online Biomonitor are valuable tools in an alarm system, capable of detection a broad range of substances at low concentrations.



At the booth from microLAN / bbe Moldaencke a system showed real-time data from a actual combination of this system in Europe. S::can was demonstrating the ease of use of their UV-sensor. Both companies attracted many American visitors from Utilities all over the country and received very positive reactions.

For a copy of this presentation please send an e-mail to info@microlan.nl or visit <http://www.toxcontrol.com> or <http://www.s-can.at> .

At the Congress also a poster was presented by Vitens from the SafeWat Consortium. SafeWat is an initiative for the development of an online detection and monitoring system for drinking water infrastructure. The Consortium consists of: Kiwa Water Research, Vitens, OptiSense, Mekorot and Sandia More information can be found at: <http://www.kiwawaterresearch.eu/safewat> .

