

PRESS RELEASE

AMS Participates in Discussion About Proposed EU Regulatory Changes on Disinfection By-products

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The article "[EU Regulation Changes Hones Market for Disinfection Byproduct Solutions](#)," featured in the March 2019 issue of [Global Water Intelligence](#) (GWI), discusses why the European Union is revising the Drinking Water Directive in response to greater understanding of the effects of disinfection by-products. The article also explores how the proposed regulatory changes and growing global concerns over the effects of disinfection by-products (DBPs) have brought the need for effective DBPs management into focus.

According to GWI, the recently proposed EU regulation changes may require utilities to spend more to control the by-products, stimulating an uptake in both prevention and post-formation treatment technologies.

AMS CEO Rick Bacon participated in the discussion and stressed the importance of real-time monitoring of THM Formation Potential in the management of all treatment systems for THM remediation.

"THMs vary during the day, the week, between night and day, and seasonally, which means if you're trying to run a treatment plant it's very difficult to know what's going on with them," Bacon explained.

However, real-time monitoring with AMS' THM-100™ analyzer allows for real-time intelligent predictions of future THM levels in the distribution network by implementing an online accelerated THM Formation Potential method on raw, not yet chlorinated or treated water, indicating to a treatment plant how the concentration of DBPs may increase in further.

"The treatment plant can run its operations knowing what the quality of water will be three days later, 200 miles away. If a plant is notified that its THM levels are high for the consumer, it can reduce its disinfectant level accordingly while still balancing the microbial and chemical risk," Bacon added.

To read the full article, visit [GWI](#).

About AMS

[Aqua Metrology Systems Ltd.](#) (AMS) believes real-time water quality analysis and remediation are essential to environmental protection. AMS is a leader in the prediction and control of disinfection byproducts (i.e., THMs) and the treatment of trace metal contaminants, across municipal and industrial sectors. AMS' online analytical instrumentation provides accurate and reliable data on water quality contaminants through continuous monitoring and ensures treatment system performance optimization. AMS is the pioneer of the intelligent water treatment system with its SafeGuard H2O™, an innovative solution for removing trace metals that integrates real-time sensing.

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