

# NEWS BRIEF

## AMS Releases Results from SafeGuard™ H2O Chromium Remediation System Pilot Study in Los Banos, Calif.

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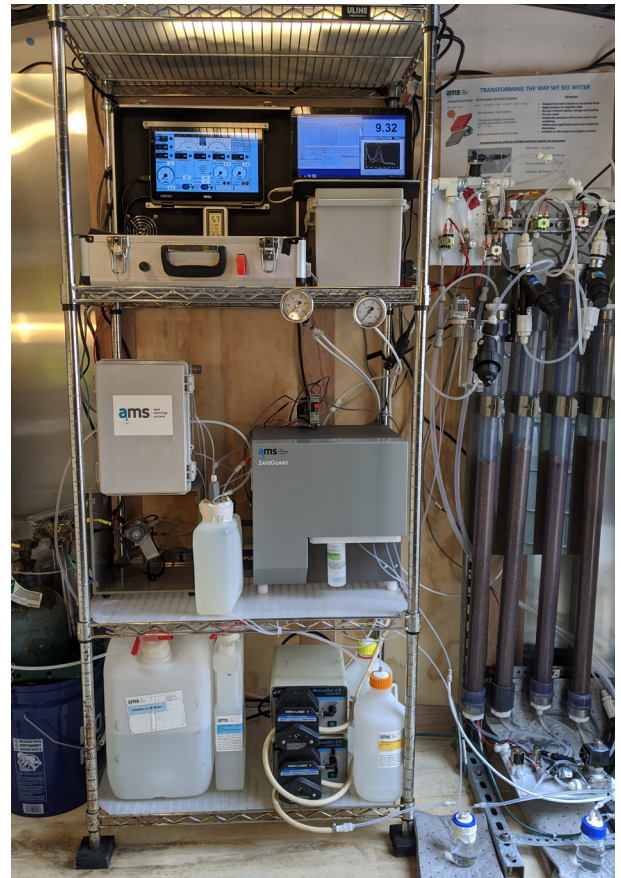
[Aqua Metrology Systems](#) (AMS), the leader in real-time water quality analysis, announces the release of its new report, which details results from a SafeGuard™ H2O intelligent Hexavalent Chrome (Cr(VI)) remediation system pilot study at the city of Los Banos, Calif.

The SafeGuard H2O demonstration unit was installed at one of the city's wells, #14, that contains elevated Cr(VI) levels of 40 ppb. This level compares with 5 ppb recommended by the World Health Organization.

The pilot successfully demonstrated the system's ability to effectively and affordably treat Cr(VI) to non-detect levels (under 1 ppb) in unchlorinated well water and well below levels achieved by more expensive, traditional Cr(VI) remediation technologies. Real-time data on the system's performance were streamed live, demonstrating the treatment efficacy of the technology.

Developed by AMS, SafeGuard H2O is a novel chromium remediation system that features an innovative approach that generates a stannous ion reagent in-situ via an electrolytic process. The simplicity of the technology, coupled with its small footprint, and the ability to have it installed and up and running in just a few hours, makes it an ideal solution for cities looking to pilot at a fraction of the cost and time compared to traditional remediation technologies.

The SafeGuard H2O system also features optional online Cr(VI) and stannous monitoring analyzers for the real-time control, optimization, and treatment of Cr(VI). The fully integrated SafeGuard H2O online Cr(VI) remediation system eliminates the many pitfalls of conventional technologies and aids in the delivery of an affordable and reliable Cr(VI) remediation process. Unlike traditional treatment systems, which cannot operate unattended, the SafeGuard H2O system can be fully controlled, monitored and optimized remotely, and the presence of personnel on site for supervision is not required. This makes the system the best available



AMS' SafeGuard™ H2O in Los Banos, Calif.

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technology for the hundreds of isolated wells and cities in California with limited resources that are exposed to elevated levels of Cr(VI).

Rick Bacon, CEO of AMS, said, "Developing cost-effective and novel solutions to address global water contamination challenges has been our commitment since 2010. The SafeGuard H2O system is just one of a suite of technologies developed to improve access of consumers to safe drinking water, while protecting water resources from contamination. Our innovative solutions are helping to make safe water more affordable, with scalable and viable solutions to address small communities, large cities and a range of industries."

The full pilot demonstration report can be downloaded for free at <http://bit.ly/AMSLosBanos2020>.

## 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 control of water treatment systems across municipal and industrial sectors in which disinfection byproducts (i.e., THMs) and trace metals are contaminants of concern. AMS' online analytical instrumentation provides the high-frequency, predictive, accurate and reliable water quality data that are essential to ensuring treatment systems operate efficiently while meeting regulatory and performance standards. 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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