



## FOR IMMEDIATE RELEASE

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### **Water Environment Research Open Access Article Discusses Sidestream Deammonification, pH-Based Aeration Control Method**

ALEXANDRIA, Va. – A deammonification method that resulted in optimal ammonia removal at a water resource recovery facility in Virginia is the topic of the open access article in the June 2017 edition of *Water Environment Research (WER)*.

“Klaus et al., reported on the modifications to the James River Treatment Plant in Newport News, Va. to incorporate side stream deammonification using a moving bed biofilm reactor (MBBR),” said Tim Ellis, *WER* editor-in-chief. “After four months of operation, the MBBR process was achieving over 85 percent ammonia removal through a combination of partial nitrification and anaerobic ammonia oxidation (anammox) due in part to a novel pH control strategy that stabilized aeration and met alkalinity requirements.

Selected *WER* articles such as this one are available free to the public on a monthly basis through an open-access program. In addition, authors can pay a fee to make their accepted articles open access. [Click here](#) to download “Startup of a Partial Nitrification-Anammox MBBR and the Implementation of pH-Based Aeration Control,” by Stephanie Klaus, Rick Baumler, Bob Rutherford, Glenn Thesing, Hong Zhao, and Charles Bott.

Published by the Water Environment Federation since 1928, *WER* is a popular professional journal that features peer-reviewed research papers and research notes, as well as state-of-the-art and critical reviews on original, fundamental, and applied research in all scientific and technical areas related to water quality, pollution control, and management.

Originally known as the *Sewage Works Journal*, *WER* is available in both print and online formats and receives approximately 400 new research submissions each year.

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The Water Environment Federation (WEF) is a not-for-profit technical and educational organization of 33,000 individual members and 75 affiliated Member Associations representing water quality professionals around the world. Since 1928, WEF and its

members have protected public health and the environment. As a global water sector leader, our mission is to connect water professionals; enrich the expertise of water professionals; increase the awareness of the impact and value of water; and provide a platform for water sector innovation. To learn more, visit [www.wef.org](http://www.wef.org).