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Water Environment Research Open Access Article Explores Phosphorus Removal Methods

ALEXANDRIA, Va. – The open access article in the November 2017 issue of *Water Environment Research (WER)* compares various approaches to enhanced biological phosphorus removal.

“In their paper on enhanced biological phosphorus removal (EBPR), Barnard et al. propose that conventional EBPR configurations may actually select for less efficient phosphate accumulating organisms (PAOs) than alternative configurations,” Tim Ellis said. “They provide evidence that the class of PAOs termed Terasphaera can provide more efficient EBPR including anoxic polyphosphate uptake and utilization of more complex substrates. The authors discuss the growth conditions favorable to PAOs and propose several different alternative plug flow configurations for efficient phosphorus removal.”

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 “Rethinking the Mechanisms of Biological Phosphorus Removal” by James L. Barnard, Patrick Dunlap and Mark Steichen.

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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