

Accepted Manuscript

Enhanced nitrogen and phosphorus removal from municipal wastewater in an anaerobic-aerobic-anoxic sequencing batch reactor with sludge fermentation products as carbon source

Jinjin Liu, Yue Yuan, Baikun Li, Qiong Zhang, Lei Wu, Xiyao Li, Yongzhen Peng

PII: S0960-8524(17)31360-3
DOI: <http://dx.doi.org/10.1016/j.biortech.2017.08.055>
Reference: BITE 18664

To appear in: *Bioresource Technology*

Received Date: 30 May 2017
Revised Date: 4 August 2017
Accepted Date: 9 August 2017

Please cite this article as: Liu, J., Yuan, Y., Li, B., Zhang, Q., Wu, L., Li, X., Peng, Y., Enhanced nitrogen and phosphorus removal from municipal wastewater in an anaerobic-aerobic-anoxic sequencing batch reactor with sludge fermentation products as carbon source, *Bioresource Technology* (2017), doi: <http://dx.doi.org/10.1016/j.biortech.2017.08.055>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



Enhanced nitrogen and phosphorus removal from municipal wastewater in an anaerobic-aerobic-anoxic sequencing batch reactor with sludge fermentation products as carbon source

Jinjin Liu^a; Yue Yuan^a; Baikun Li^{ab}; Qiong Zhang^a; Lei Wu^a; Xiyao Li^a;

Yongzhen Peng^{a*}

a: National Engineering Laboratory for Advanced Municipal Wastewater Treatment and Reuse Technology, Engineering Research Center of Beijing, Beijing University of Technology, Beijing 100124, PR China

b: Department of Civil and Environmental Engineering, University of Connecticut, Storrs, CT 06269, USA

* Corresponding author: Yongzhen Peng, National Engineering Laboratory for Advanced Municipal Wastewater Treatment and Reuse Technology, Engineering Research Center of Beijing, Beijing University of Technology, Beijing 100124, PR China.

Tel.: +86-1067392627;

Fax: +86-1067392627;

E-mail addresses: pyz@bjut.edu.cn

Download English Version:

<https://daneshyari.com/en/article/4996567>

Download Persian Version:

<https://daneshyari.com/article/4996567>

[Daneshyari.com](https://daneshyari.com)