

Accepted Manuscript

Enhanced nitrogen removal using solid carbon source in constructed wetland with limited aeration

Zhongchen Yang, Luhua Yang, Caijie Wei, Weizhong Wu, Xufei Zhao, Ting Lu

PII: S0960-8524(17)31304-4

DOI: <http://dx.doi.org/10.1016/j.biortech.2017.07.188>

Reference: BITE 18608

To appear in: *Bioresource Technology*

Received Date: 25 May 2017

Revised Date: 28 July 2017

Accepted Date: 29 July 2017

Please cite this article as: Yang, Z., Yang, L., Wei, C., Wu, W., Zhao, X., Lu, T., Enhanced nitrogen removal using solid carbon source in constructed wetland with limited aeration, *Bioresource Technology* (2017), doi: <http://dx.doi.org/10.1016/j.biortech.2017.07.188>

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.



The submission is from The 1st International Conference on Ecotechnologies for Controlling Non-point Source Pollution and Protecting Aquatic Ecosystem (ENPE2017). Wu Weizhong, Registration Number: ENPE2017-44.

Enhanced nitrogen removal using solid carbon source in constructed wetland with limited aeration

Zhongchen Yang ^{a,†}, Luhua Yang ^{b,†}, Caijie Wei ^c, Weizhong Wu ^{a,*}, Xufei Zhao ^a, Ting Lu ^a

^a Department of Environmental Science, College of Environmental Sciences and Engineering, Peking University, Beijing 100871, PR China; zcyang@pku.edu.cn (Z.Y.); zhaoxufeineau@163.com (X.Z.); luting0422@126.com (T.L)

^b Research Unit Comparative Microbiome Analysis, Helmholtz Zentrum München, Ingolstädter Landstraße 1, 85764, Neuherberg, Germany; luhua.yang@helmholtz-muenchen.de

^c State Key Joint Laboratory of Environment Simulation and Pollution Control, School of Environment, Tsinghua University, Beijing 100084, P.R.China; cjwei@mail.tsinghua.edu.cn

* Correspondence: wzwu@pku.edu.cn; Tel.: +86-10- 62759716

† These authors contributed equally to this work.

Download English Version:

<https://daneshyari.com/en/article/7069083>

Download Persian Version:

<https://daneshyari.com/article/7069083>

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