Accepted Manuscript

Balancing carbon/nitrogen ratio to improve nutrients removal and algal biomass production in piggery and brewery wastewaters

Hongli Zheng, Mingzhi Liu, Qian Lu, Xiaodan Wu, Yiwei Ma, Yanling Cheng, Min Addy, Yuhuan Liu, Roger Ruan

PII:	S0960-8524(17)31886-2
DOI:	https://doi.org/10.1016/j.biortech.2017.10.057
Reference:	BITE 19098
To appear in:	Bioresource Technology
Received Date:	30 August 2017
Revised Date:	9 October 2017
Accepted Date:	13 October 2017



Please cite this article as: Zheng, H., Liu, M., Lu, Q., Wu, X., Ma, Y., Cheng, Y., Addy, M., Liu, Y., Ruan, R., Balancing carbon/nitrogen ratio to improve nutrients removal and algal biomass production in piggery and brewery wastewaters, *Bioresource Technology* (2017), doi: https://doi.org/10.1016/j.biortech.2017.10.057

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.

ACCEPTED MANUSCRIPT

Balancing carbon/nitrogen ratio to improve nutrients

removal and algal biomass production in piggery and

brewery wastewaters

CCE

Hongli Zheng^a, Mingzhi Liu^a, Qian Lu^b, Xiaodan Wu^a, Yiwei Ma^b, Yanling Cheng

^c, Min Addy ^b, Yuhuan Liu ^a, Roger Ruan ^{a, b}*

^a MOE Biomass Energy Research Center and College of Food Science and Technology and State Key Laboratory of Food Science and Technology, Nanchang University, Jiangxi 330047, People's Republic of China
^b Center for Biorefining and Department of Bioproducts and Biosystems Engineering , University of Minnesota, 1390 Eckles Avenue, St. Paul, MN 55108, United States
^c Biochemical Engineering College, Beijing Union University, No. 18, Fatouxili 3 Area, Chaoyang District, Beijing 100023, China

^{*} Corresponding author: Distinguished Guest Professor, Nanchang University, and Professor and Director, University of Minnesota. Tel: + 1 612-625-1710, Fax: + 1 612-624-3005. E-mail: ruanx001@umn.edu.

Download English Version:

https://daneshyari.com/en/article/7068772

Download Persian Version:

https://daneshyari.com/article/7068772

Daneshyari.com