### **Accepted Manuscript**

Evolution and functional analysis of extracellular polymeric substances during the granulation of aerobic sludge used to treat *p*-chloroaniline wastewater

Jingjing Dong, Zhiming Zhang, Zhuodong Yu, Xin Dai, Xiangyang Xu, Pedro J.J. Alvarez, Liang Zhu

PII: S1385-8947(17)31321-9

DOI: http://dx.doi.org/10.1016/j.cej.2017.07.174

Reference: CEJ 17440

To appear in: Chemical Engineering Journal

Received Date: 13 June 2017 Revised Date: 27 July 2017 Accepted Date: 29 July 2017



Please cite this article as: J. Dong, Z. Zhang, Z. Yu, X. Dai, X. Xu, P.J.J. Alvarez, L. Zhu, Evolution and functional analysis of extracellular polymeric substances during the granulation of aerobic sludge used to treat *p*-chloroaniline wastewater, *Chemical Engineering Journal* (2017), doi: http://dx.doi.org/10.1016/j.cej.2017.07.174

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**

# Evolution and functional analysis of extracellular polymeric substances during the granulation of aerobic sludge used to treat p-chloroaniline wastewater

Jingjing Dong<sup>a</sup>, ZhimingZhang<sup>a</sup>, Zhuodong Yu<sup>a</sup>, Xin Dai<sup>a</sup>, Xiangyang Xu<sup>a,b</sup>, Pedro J.J. Alvarez<sup>c</sup>, Liang Zhu<sup>a,b\*</sup>

<sup>a</sup> Department of Environmental Engineering, Zhejiang University, Hangzhou, 310058, China;

<sup>b</sup> Zhejiang Province Key Laboratory for Water Pollution Control and Environmental Safety, Hangzhou 310058, China;

<sup>c</sup>Department of Civil and Environmental Engineering, Rice University, 6100 Main St., Houston, TX 77005, USA

\*Corresponding author.

Address: Department of Environmental Engineering, Zhejiang University, No. 866
Yuhangtang Road, Hangzhou 310058, PR China. Tel.: +86-571-88982343; Fax: +86
571 88982343

E-mail address: felix79cn@hotmail.com. (L. Zhu)

#### Download English Version:

## https://daneshyari.com/en/article/4762899

Download Persian Version:

https://daneshyari.com/article/4762899

Daneshyari.com