Accepted Manuscript

Performance enhancement and fouling mitigation by organic flocculant addition in membrane bioreactor at high salt shock

Haifeng Zhang, Zhongyu Gao, Lanhe Zhang, Lianfa Song

PII: S0960-8524(14)00558-6

DOI: http://dx.doi.org/10.1016/j.biortech.2014.04.053

Reference: BITE 13349

To appear in: Bioresource Technology

Received Date: 22 January 2014 Revised Date: 15 April 2014 Accepted Date: 17 April 2014



Please cite this article as: Zhang, H., Gao, Z., Zhang, L., Song, L., Performance enhancement and fouling mitigation by organic flocculant addition in membrane bioreactor at high salt shock, *Bioresource Technology* (2014), doi: http://dx.doi.org/10.1016/j.biortech.2014.04.053

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

Performance enhancement and fouling mitigation by organic flocculant addition in membrane bioreactor at high salt shock

Haifeng Zhang^{a, b}, Zhongyu Gao^a, Lanhe Zhang^a, Lianfa Song^{b,*}

School of Chemistry Engineering, Northeast Dianli University, Jilin 132012, Jilin, P.
R. China;

^b Department of Civil and Environmental Engineering, Texas Tech University, 10th and Akron, Lubbock, TX 79409-1023, USA

1

^{*} Corresponding Author. Tel.: +1 806 742 3598. *E-mail*: <u>lianfa.song@ttu.edu</u>

Download English Version:

https://daneshyari.com/en/article/7077531

Download Persian Version:

https://daneshyari.com/article/7077531

<u>Daneshyari.com</u>