

Accepted Manuscript

Role of acid/alkali-treatment in primary sludge anaerobic fermentation: insights into microbial community structure, functional shifts and metabolic output by high-throughput sequencing

Xiao Huang, Wenyi Dong, Hongjie Wang, Yangyang Feng

PII: S0960-8524(17)31944-2

DOI: <https://doi.org/10.1016/j.biortech.2017.10.104>

Reference: BITE 19145

To appear in: *Bioresource Technology*

Received Date: 16 August 2017

Revised Date: 30 October 2017

Accepted Date: 31 October 2017

Please cite this article as: Huang, X., Dong, W., Wang, H., Feng, Y., Role of acid/alkali-treatment in primary sludge anaerobic fermentation: insights into microbial community structure, functional shifts and metabolic output by high-throughput sequencing, *Bioresource Technology* (2017), doi: <https://doi.org/10.1016/j.biortech.2017.10.104>

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.



Role of acid/alkali-treatment in primary sludge anaerobic fermentation: insights into microbial community structure, functional shifts and metabolic output by high-throughput sequencing

Xiao Huang ^a, Wenyi Dong ^{a,b}, Hongjie Wang ^{a,b,*}, Yangyang Feng ^a

a. School of Civil and Environmental Engineering, Harbin Institute of Technology Shenzhen Graduate School, Shenzhen 518055, China

b. Shenzhen Key Laboratory of Water Resource Utilization and Environmental Pollution Control, Shenzhen, 518055, China

* Corresponding author:

Hongjie Wang

School of Civil and Environmental Engineering, Harbin Institute of Technology Shenzhen Graduate

School Shenzhen 518055, China

Tel. / Fax: +86 0755 26033482

E-mail: whj1533@qq.com (H. Wang).

Download English Version:

<https://daneshyari.com/en/article/7068859>

Download Persian Version:

<https://daneshyari.com/article/7068859>

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