## **Accepted Manuscript**

A comparative study of a full value-chain water footprint assessment using two international standards at a large-scale hog farm in China

Cleaner

Xue Bai, Xiaojing Ren, Nina Zheng Khanna, Guoping Zhang, Nan Zhou, Yan Bai, Mengting Hu

PII: S0959-6526(17)32922-0

DOI: 10.1016/j.jclepro.2017.11.248

Reference: JCLP 11387

To appear in: Journal of Cleaner Production

Received Date: 05 April 2017

Revised Date: 10 November 2017

Accepted Date: 29 November 2017

Please cite this article as: Xue Bai, Xiaojing Ren, Nina Zheng Khanna, Guoping Zhang, Nan Zhou, Yan Bai, Mengting Hu, A comparative study of a full value-chain water footprint assessment using two international standards at a large-scale hog farm in China, *Journal of Cleaner Production* (2017), doi: 10.1016/j.jclepro.2017.11.248

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## ACCEPTED MANUSCRIPT

A comparative study of a full value-chain water footprint assessment 1 using two international standards at a large-scale hog farm in China 2 3 Xue Bai<sup>a, b, 1</sup>, Xiaojing Ren<sup>c, 1</sup>, Nina Zheng Khanna<sup>b</sup>, Guoping Zhang<sup>d, \*</sup>, Nan Zhou<sup>b</sup>, 4 Yan Bai<sup>a</sup>, Mengting Hu<sup>a</sup> 5 6 <sup>a</sup> China National Institute of Standardization, Beijing 100191, China 7 <sup>b</sup> Energy Technologies Area, Lawrence Berkeley National Laboratory, CA 94720, 8 USA 9 <sup>c</sup> Environmental Protection Research Institute of Light Industry, Key Laboratory of 10 11 Energy-Water Conservation and Wastewater Resources Recovery, China National Light Industry, Beijing Academy of Science and Technology, Beijing 100089, China 12 <sup>d</sup> Water Footprint Network, International Water House, Bezuidenhoutseweg 2, 2594 13 AV, The Hague, the Netherlands (now at an international development organization) 14 15

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- \* Correspondence author 17
- **Guoping Zhang** 18
- 19 E-mail address: guopingz88@gmail.com

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<sup>&</sup>lt;sup>1</sup> Contributed equally to this work.

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