Accepted Manuscript

Optimization of membrane unit location in a full-scale membrane bioreactor using computational fluid dynamics

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PII: S0960-8524(17)31788-1

DOI: https://doi.org/10.1016/j.biortech.2017.09.209

Reference: BITE 19040

To appear in: Bioresource Technology

Received Date: 9 August 2017 Revised Date: 29 September 2017 Accepted Date: 30 September 2017



Please cite this article as: Wu, Q., Yan, X., Xiao, K., Guan, J., Li, T., Liang, P., Huang, X., Optimization of membrane unit location in a full-scale membrane bioreactor using computational fluid dynamics, *Bioresource Technology* (2017), doi: https://doi.org/10.1016/j.biortech.2017.09.209

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