Accepted Manuscript

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PII: S1385-8947(17)30258-9

DOI: http://dx.doi.org/10.1016/j.cej.2017.02.095

Reference: CEJ 16534

To appear in: Chemical Engineering Journal

Received Date: 5 October 2016
Revised Date: 24 December 2016
Accepted Date: 17 February 2017



Please cite this article as: Y. Zhang, H. Zhu, U. Szewzyk, S. Lübbecke, S. Uwe Geissen, Removal of emerging organic contaminants with a pilot-scale biofilter packed with natural manganese oxides, *Chemical Engineering Journal* (2017), doi: http://dx.doi.org/10.1016/j.cej.2017.02.095

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ACCEPTED MANUSCRIPT

Removal of emerging organic contaminants with a pilot-scale biofilter packed with natural manganese oxides

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