Accepted Manuscript

Bromate formation during the oxidation of bromide-containing water by ozone/peroxymonosulfate process: Influencing factors and mechanisms

Gang Wen, Chen Qiang, Youbin Feng, Tinglin Huang, Jun Ma

PII: S1385-8947(18)31232-4

DOI: https://doi.org/10.1016/j.cej.2018.06.186

Reference: CEJ 19397

To appear in: Chemical Engineering Journal

Received Date: 29 April 2018 Revised Date: 29 June 2018 Accepted Date: 30 June 2018



Please cite this article as: G. Wen, C. Qiang, Y. Feng, T. Huang, J. Ma, Bromate formation during the oxidation of bromide-containing water by ozone/peroxymonosulfate process: Influencing factors and mechanisms, *Chemical Engineering Journal* (2018), doi: https://doi.org/10.1016/j.cej.2018.06.186

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

Bromate formation during the oxidation of bromide-containing water by ozone/peroxymonosulfate process: Influencing factors and mechanisms

Gang Wen^{a,b*}, Chen Qiang^{a,b}, Youbin Feng^{a,b}, Tinglin Huang^{a,b**}, Jun Ma^c

^a Key Laboratory of Northwest Water Resource, Environment and Ecology, MOE, Xi'an University of Architecture and Technology, Xi'an, 710055, People's Republic of China.

^b Shaanxi Key Laboratory of Environmental Engineering, Xi'an University of Architecture and Technology, Xi'an, 710055, People's Republic of China.

^c State Key Laboratory of Urban Water Resource and Environment, Harbin Institute of Technology, Harbin 150090, People's Republic of China.

*Corresponding author: Tel.: +86-29-82207886; Fax: +86-29-82201354.

E-mail address: hitwengang@163.com (Gang Wen)

**Co-corresponding author: Tel.: +86-29-82201038; Fax: +86-29-82201038.

E-mail address: huangtinglin@xauat.edu.cn (Tinglin Huang)

Download English Version:

https://daneshyari.com/en/article/6578051

Download Persian Version:

https://daneshyari.com/article/6578051

<u>Daneshyari.com</u>