

Accepted Manuscript

Red Mud Powders as Low-Cost and Efficient Catalysts for Persulfate Activation: Pathways and Reusability of Mineralizing Sulfadiazine

Yong Feng, Deli Wu, Changzhong Liao, Yu Deng, Tong Zhang, Kaimin Shih

PII: S1383-5866(16)30242-8

DOI: <http://dx.doi.org/10.1016/j.seppur.2016.04.051>

Reference: SEPPUR 12993

To appear in: *Separation and Purification Technology*

Received Date: 16 March 2016

Revised Date: 29 April 2016

Accepted Date: 30 April 2016

Please cite this article as: Y. Feng, D. Wu, C. Liao, Y. Deng, T. Zhang, K. Shih, Red Mud Powders as Low-Cost and Efficient Catalysts for Persulfate Activation: Pathways and Reusability of Mineralizing Sulfadiazine, *Separation and Purification Technology* (2016), doi: <http://dx.doi.org/10.1016/j.seppur.2016.04.051>

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.



Red Mud Powders as Low-Cost and Efficient Catalysts for Persulfate
Activation: Pathways and Reusability of Mineralizing Sulfadiazine

Yong Feng ^a, Deli Wu ^b, Changzhong Liao ^a, Yu Deng ^a, Tong Zhang ^a,

Kaimin Shih ^{a,*}

^a Department of Civil Engineering, The University of Hong Kong, Pokfulam Road,
Hong Kong.

^b State Key Laboratory of Pollution Control and Resources Reuse, School of
Environmental Science & Engineering, Tongji University, Shanghai 200092, People's
Republic of China.

* To whom correspondence should be addressed:

Dr. Kaimin Shih

Phone: +852-2859-1973

Fax: +852-2559-5337

E-mail: kshih@hku.hk

Download English Version:

<https://daneshyari.com/en/article/639863>

Download Persian Version:

<https://daneshyari.com/article/639863>

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