Accepted Manuscript

Enhanced phosphate removal by zeolite loaded with Mg-Al-La ternary (hydr)oxides from aqueous solutions: Performance and mechanism

Wenmin Shi, Youwei Fu, Wei Jiang, Yuanyao Ye, Jianxiong Kang, Dongqi Liu, Yongzheng Ren, Daosheng Li, Chunguang Luo, Zhi Xu

PII: S1385-8947(18)31468-2

DOI: https://doi.org/10.1016/j.cej.2018.08.003

Reference: CEJ 19617

To appear in: Chemical Engineering Journal

Received Date: 7 May 2018
Revised Date: 3 July 2018
Accepted Date: 1 August 2018



Please cite this article as: W. Shi, Y. Fu, W. Jiang, Y. Ye, J. Kang, D. Liu, Y. Ren, D. Li, C. Luo, Z. Xu, Enhanced phosphate removal by zeolite loaded with Mg-Al-La ternary (hydr)oxides from aqueous solutions: Performance and mechanism, *Chemical Engineering Journal* (2018), doi: https://doi.org/10.1016/j.cej.2018.08.003

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

Enhanced phosphate removal by zeolite loaded with Mg-Al-La ternary (hydr)oxides from aqueous solutions: Performance and mechanism

Wenmin Shi^{1,a}, Youwei Fu^{1,a}, Wei Jiang^{a,*}, Yuanyao Ye^{a,b}, Jianxiong Kang^a, Dongqi Liu^a, Yongzheng Ren^a, Daosheng Li^a, Chunguang Luo^a, Zhi Xu^a

^a School of Environmental Science and Engineering, Huazhong University of Science and Technology, No. 1037 Luoyu Road, Wuhan 430074, PR China

^b Centre for Technology in Water and Wastewater, School of Civil and Environmental Engineering, University of Technology Sydney, Sydney, NSW 2007, Australia

E-mail: <u>jiangwei0707@hust.edu.cn</u> Tel/Fax: +86-27-87792512

^{*}Corresponding Author

¹ These two authors contributed equally to this paper.

Download English Version:

https://daneshyari.com/en/article/10225110

Download Persian Version:

https://daneshyari.com/article/10225110

<u>Daneshyari.com</u>