Accepted Manuscript

Title: Arsenite and chromate sequestration onto ferrihydrite, siderite and goethite nanostructured minerals: Isotherms from flow-through reactor experiments and XAS measurements

Authors: S. Hajji, G. Montes-Hernandez, G. Sarret, A. Tordo, G. Morin, G. Ona-Nguema, S. Bureau, T. Turki, N. Mzoughi

PII: S0304-3894(18)30826-4

DOI: https://doi.org/10.1016/j.jhazmat.2018.09.031

Reference: HAZMAT 19755

To appear in: Journal of Hazardous Materials

Received date: 23-6-2018 Revised date: 1-9-2018 Accepted date: 11-9-2018

Please cite this article as: Hajji S, Montes-Hernandez G, Sarret G, Tordo A, Morin G, Ona-Nguema G, Bureau S, Turki T, Mzoughi N, Arsenite and chromate sequestration onto ferrihydrite, siderite and goethite nanostructured minerals: Isotherms from flow-through reactor experiments and XAS measurements, *Journal of Hazardous Materials* (2018), https://doi.org/10.1016/j.jhazmat.2018.09.031

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

Arsenite and chromate sequestration onto ferrihydrite, siderite and goethite nanostructured minerals: Isotherms from flow-through reactor experiments and XAS measurements

S. Hajji^{a*}, G. Montes-Hernandez^{b,*}, G. Sarret^b, A. Tordo^b, G. Morin^c, G. Ona-Nguema^c, S. Bureau^b, T. Turki^a, N. Mzoughi^d

Table of content graphic

^a Natural Water Treatment Laboratory, Water Researches and Technologies Center (CERTE), Technopark of Borj-Cedria, PO Box 273, Soliman 8020, Tunisia.

^b University Grenoble Alpes, CNRS, ISTerre, CS 40700, F-38058, Grenoble Cedex 9, France

^c IMPMC, CNRS-Paris6-UPMC, F-75252 Paris, France.

^d High Institute of Sciences and Technology of Environment of Borj Cedria, University of Carthage, Tunisia.

^{*} Corresponding authors: Sabah Hajji (sabahhaj@gmail.com) and German Montes-Hernandez (german.montes-hernandez@univ-grenoble-alpes.fr)

Download English Version:

https://daneshyari.com/en/article/10151713

Download Persian Version:

https://daneshyari.com/article/10151713

<u>Daneshyari.com</u>