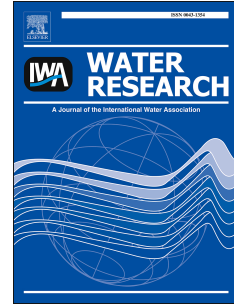


Accepted Manuscript

Experimental rheological procedure adapted to pasty dewatered sludge up to 45 % dry matter

M. Mouzaoui, J.C. Baudez, M. Sauceau, P. Arlabosse



PII: S0043-1354(18)30006-X

DOI: [10.1016/j.watres.2018.01.006](https://doi.org/10.1016/j.watres.2018.01.006)

Reference: WR 13485

To appear in: *Water Research*

Please cite this article as: M. Mouzaoui, J.C. Baudez, M. Sauceau, P. Arlabosse, Experimental rheological procedure adapted to pasty dewatered sludge up to 45 % dry matter, *Water Research* (2018), doi: 10.1016/j.watres.2018.01.006

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.

Experimental rheological procedure adapted to dewatered sludge up to 45 % dry matter.

Highly concentrated dewatered sludge display granular rheological characteristics

Above a critical strain, fracture and jamming occur: stress and strain have to be corrected

A specific procedure has been defined to correct the fracture artefact

Three distinct regimes have been identified: elastic, fracture dominated and viscous

Download English Version:

<https://daneshyari.com/en/article/8874313>

Download Persian Version:

<https://daneshyari.com/article/8874313>

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