### **Accepted Manuscript**

Fouling mitigation using flux enhancement strategies on the woven fibre microfiltration membrane for the treatment of raw water

Martha N. Chollom, Kumnandi Pikwa, Sudesh Rathilal, V.L. Pillay

PII: S1026-9185(16)30004-X

DOI: 10.1016/j.sajce.2016.12.003

Reference: SAJCE 17

To appear in: South African Journal of Chemical Engineering

Received Date: 9 February 2016

Revised Date: 31 August 2016

Accepted Date: 23 December 2016

Please cite this article as: Chollom, M.N, Pikwa, K., Rathilal, S., Pillay, V., Fouling mitigation using flux enhancement strategies on the woven fibre microfiltration membrane for the treatment of raw water, *South African Journal of Chemical Engineering* (2017), doi: 10.1016/j.sajce.2016.12.003.

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

# Fouling mitigation using flux enhancement strategies on the woven fibre microfiltration membrane for the treatment of raw water

Martha N Chollom\*  $^1$ Kumnandi Pikwa  $^1$ Sudesh Rathilal  $^1$ , V L Pillay  $^2$ 

<sup>1</sup> Faculty of Engineering and the Built Environment, Department of Chemical Engineering , Durban University of technology, 4001 Berea, 70 Mansfield Road. Durban, South Africa

rathilals@dut.ac.za, kpikwa@gmail.com, pillayvl@sun.ac.za

<sup>2</sup> Department of Process Engineering, Stellenbosch University, Private Bag X1 Matieland 7602, South Africa

#### **Corresponding Author: Martha Chollom**

Address: Faculty of Engineering and the Built Environment, Department of Chemical Engineering, Durban University of technology, 4001 Berea, 70 Mansfield Road. Durban, South Africa

Email: mnchollom@gmail.com

Telephone:+27732663514

#### Download English Version:

## https://daneshyari.com/en/article/8917104

Download Persian Version:

https://daneshyari.com/article/8917104

Daneshyari.com