Accepted Manuscript

ADM1 based mathematical model of trace element precipitation/dissolution in anaerobic digestion processes

Bikash Chandra Maharaj, Maria Rosaria Mattei, Luigi Frunzo, Eric D. van Hullebusch, Giovanni Esposito

PII: DOI: Reference:	S0960-8524(18)30878-2 https://doi.org/10.1016/j.biortech.2018.06.099 BITE 20116
To appear in:	Bioresource Technology
Received Date:	22 April 2018
Revised Date:	24 June 2018
Accepted Date:	28 June 2018



Please cite this article as: Maharaj, B.C., Mattei, M.R., Frunzo, L., van Hullebusch, E.D., Esposito, G., ADM1 based mathematical model of trace element precipitation/dissolution in anaerobic digestion processes, *Bioresource Technology* (2018), doi: https://doi.org/10.1016/j.biortech.2018.06.099

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

1	ADM1 based mathematical model of trace element
2	precipitation/dissolution in anaerobic digestion processes
3	
4	Bikash Chandra Maharaj ^{a, b,} *, Maria Rosaria Mattei ^b , Luigi Frunzo ^b , Eric D. van
5	Hullebusch ^{c,d} and Giovanni Esposito ^a
6	
7	^a University of Cassino and the Southern Lazio, Department of Civil and Mechanical
8	Engineering, Cassino, Italy
9	^b University of Naples Federico II, Department of Mathematics and Applications "Renato
10	Caccioppoli", Naples, Italy
11	^c Université Paris-Est, Laboratoire Géomatériaux et Environnement (LGE), EA 4508,
12	UPEM, 77454 Marne-la-Vallée, France
13	^d IHE Delft Institute for Water Education, Department of Environmental Engineering and
14	Water Technology, The Netherlands
15	
16	
17	*Corresponding Author:
18	Department of Civil and Mechanical Engineering,
19	University of Cassino and Southern Lazio,
20	Via di Basio 43, 03043 Cassino (FR), Italy
21	E-mail address: bikash.maharaj@gmail.com

Download English Version:

https://daneshyari.com/en/article/7066075

Download Persian Version:

https://daneshyari.com/article/7066075

Daneshyari.com