Accepted Manuscript

Development of an ASM2d-N₂O model to describe nitrous oxide emissions in municipal WWTPs under dynamic conditions

Theoni Maria Massara, Borja Solís, Albert Guisasola, Evina Katsou, Juan Antonio Baeza

PII: S1385-8947(17)31833-8

DOI: https://doi.org/10.1016/j.cej.2017.10.119

Reference: CEJ 17903

To appear in: Chemical Engineering Journal

Received Date: 7 August 2017 Revised Date: 13 October 2017 Accepted Date: 18 October 2017



Please cite this article as: T.M. Massara, B. Solís, A. Guisasola, E. Katsou, J.A. Baeza, Development of an ASM2d-N₂O model to describe nitrous oxide emissions in municipal WWTPs under dynamic conditions, *Chemical Engineering Journal* (2017), doi: https://doi.org/10.1016/j.cej.2017.10.119

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

Development of an ASM2d-N₂O model to describe nitrous oxide emissions in municipal

WWTPs under dynamic conditions

Theoni Maria Massara a,b, Borja Solís c, Albert Guisasola c, Evina Katsou a,b, Juan Antonio

Baeza c

^a Department of Mechanical, Aerospace and Civil Engineering, Brunel University London,

Uxbridge Campus, Middlesex, UB8 3PH, Uxbridge, UK.

^b Institute of Environment, Health and Societies, Brunel University London, Kingston Lane,

Middlesex, UB8 3PH, Uxbridge, UK.

^c GENOCOV. Departament d'Enginyeria Química, Biològica i Ambiental, Escola d'Enginyeria,

Universitat Autònoma de Barcelona, Cerdanyola del Vallés (Barcelona), 08193, Barcelona,

Spain.

Corresponding Author:

Prof. Juan Antonio Baeza,

Email: Juan Antonio. Baeza@uab.cat, Tel.: +34 93 581 1587

Download English Version:

https://daneshyari.com/en/article/6580811

Download Persian Version:

https://daneshyari.com/article/6580811

<u>Daneshyari.com</u>