

Accepted Manuscript

Photodegradation and sorption govern tetracycline removal during wastewater treatment in algal ponds

Zane N. Norvill, Alma Toledo-Cervantes, Saul Blanco, Andy Shilton, Benoit Guieysse, Raul Muñoz

PII: S0960-8524(17)30118-9
DOI: <http://dx.doi.org/10.1016/j.biortech.2017.02.011>
Reference: BITE 17574

To appear in: *Bioresource Technology*

Received Date: 6 December 2016
Revised Date: 30 January 2017
Accepted Date: 3 February 2017

Please cite this article as: Norvill, Z.N., Toledo-Cervantes, A., Blanco, S., Shilton, A., Guieysse, B., Muñoz, R., Photodegradation and sorption govern tetracycline removal during wastewater treatment in algal ponds, *Bioresource Technology* (2017), doi: <http://dx.doi.org/10.1016/j.biortech.2017.02.011>

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.



Photodegradation and sorption govern tetracycline removal during wastewater treatment in
algal ponds

Norvill, Zane N.^{a, b}; Toledo-Cervantes, Alma^a; Blanco, Saul^c; Shilton, Andy^b; Guieysse,
Benoit^b; Muñoz, Raul^{a*}

^a Department of Chemical Engineering and Environmental Technology, University of
Valladolid, Dr. Mergelina s/n, Valladolid 47011, Spain

^b School of Engineering and Advanced Technology, Massey University, Private Bag 11
222, Palmerston North 4442, New Zealand

^c The Institute of the Environment, La Serna, 58, 24007 Leon, Spain

*Corresponding author: mutora@iq.uva.es

Download English Version:

<https://daneshyari.com/en/article/4997547>

Download Persian Version:

<https://daneshyari.com/article/4997547>

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