

Accepted Manuscript

Water resource recovery by means of microalgae cultivation in outdoor photobioreactors using the effluent from an anaerobic membrane bioreactor fed with pre-treated sewage

Alexandre Viruela, Mónica Murgui, Tao Gómez-Gil, Freddy Durán, Ángel Robles, María Victoria Ruano, José Ferrer, Aurora Seco

PII: S0960-8524(16)30940-3
DOI: <http://dx.doi.org/10.1016/j.biortech.2016.06.116>
Reference: BITE 16738

To appear in: *Bioresource Technology*

Received Date: 4 May 2016
Revised Date: 27 June 2016
Accepted Date: 28 June 2016

Please cite this article as: Viruela, A., Murgui, M., Gómez-Gil, T., Durán, F., Robles, A., Ruano, M.V., Ferrer, J., Seco, A., Water resource recovery by means of microalgae cultivation in outdoor photobioreactors using the effluent from an anaerobic membrane bioreactor fed with pre-treated sewage, *Bioresource Technology* (2016), doi: <http://dx.doi.org/10.1016/j.biortech.2016.06.116>

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.



**Water resource recovery by means of microalgae cultivation
in outdoor photobioreactors using the effluent from an
anaerobic membrane bioreactor fed with pre-treated sewage**

Alexandre Viruela ^{*,a}, Mónica Murgui ^b, Tao Gómez-Gil ^a, Freddy Durán ^a, Ángel Robles ^a, María Victoria Ruano ^b, José Ferrer ^a, Aurora Seco ^b

^aInstituto de Ingeniería del Agua y Medio Ambiente, IIAMA, Universitat Politècnica de València, Camino de Vera s/n, 46022 Valencia, Spain (e-mail: alvina@upv.es, tagogi@upv.es, fredurpi@upv.es, ngerobma@upv.es, jferrer@hma.upv.es)

^bDepartament d'Enginyeria Química, Escola Tècnica Superior d'Enginyeria, Universitat de València, Avinguda de la Universitat s/n. 46100 Burjassot, Valencia, Spain (email: monica.murgui@uv.es, m.victoria.ruano@uv.es, aurora.seco@uv.es)

*Corresponding author. Tel. +34 963 877 000 ext. 76176; Fax +34 963 877 618, e-mail address: alvina@upv.es

Download English Version:

<https://daneshyari.com/en/article/7070633>

Download Persian Version:

<https://daneshyari.com/article/7070633>

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