

Accepted Manuscript

Title: Cultivation of native algal consortium in semi-continuous pilot scale raceway pond for greywater treatment coupled with potential methane production

Authors: Pushpendar Kumar, Sanjeev Kumar Prajapati, Anushree Malik, Virendra Kumar Vijay



PII: S2213-3437(17)30545-6
DOI: <https://doi.org/10.1016/j.jece.2017.10.044>
Reference: JECE 1954

To appear in:

Received date: 14-7-2017
Revised date: 14-10-2017
Accepted date: 19-10-2017

Please cite this article as: Pushpendar Kumar, Sanjeev Kumar Prajapati, Anushree Malik, Virendra Kumar Vijay, Cultivation of native algal consortium in semi-continuous pilot scale raceway pond for greywater treatment coupled with potential methane production, Journal of Environmental Chemical Engineering <https://doi.org/10.1016/j.jece.2017.10.044>

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.

Cultivation of native algal consortium in semi-continuous pilot scale raceway pond for greywater treatment coupled with potential methane production

Pushpendar Kumar^{1,2}, Sanjeev Kumar Prajapati^{*3}, Anushree Malik^{*1}, Virendra Kumar Vijay²

¹ Applied Microbiology Lab (AML) and ²Biogas Laboratory, Centre for Rural Development and Technology, Indian Institute of Technology, Delhi, Hauz Khas, New Delhi – 110016, India

³ Department of Chemical and Biochemical Engineering, Indian Institute of Technology (IIT) Patna, Bihta, Patna, Bihar – 801103, India

E-mail addresses:

pushk@ymail.com (P. Kumar)

sanjeev.kumar@iitp.ac.in; sanjukec@gmail.com (S. K. Prajapati*)

anushree_malik@yahoo.com , anushree@rdat.iitd.ac.in (A. Malik*)

* Corresponding authors:

A Malik, Tel.: +91 11 26591158; fax: +91 11 26591121

S. K. Prajapati, Tel: +91-11-6123028708

Download English Version:

<https://daneshyari.com/en/article/6664174>

Download Persian Version:

<https://daneshyari.com/article/6664174>

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