

Accepted Manuscript

An innovative design of septic tank for wastewater treatment and its performance evaluation: An applicable model for developing countries

Sajjad Haydar, Mehwish Anis, Gul E. Hina, Javed Anwar Aziz, Mudasar Arbi



PII: S1004-9541(17)30303-8
DOI: doi:[10.1016/j.cjche.2017.10.015](https://doi.org/10.1016/j.cjche.2017.10.015)
Reference: CJCHE 958

To appear in:

Received date: 13 March 2017
Accepted date: 31 October 2017

Please cite this article as: Sajjad Haydar, Mehwish Anis, Gul E. Hina, Javed Anwar Aziz, Mudasar Arbi , An innovative design of septic tank for wastewater treatment and its performance evaluation: An applicable model for developing countries. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Cjche(2017), doi:[10.1016/j.cjche.2017.10.015](https://doi.org/10.1016/j.cjche.2017.10.015)

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.

Energy, Resources and Environmental Technology

AN INNOVATIVE DESIGN OF SEPTIC TANK FOR WASTEWATER TREATMENT AND ITS PERFORMANCE EVALUATION: AN APPLICABLE MODEL FOR DEVELOPING COUNTRIES

Sajjad Haydar¹, Mehwish Anis², Gul E Hina³, Javed Anwar Aziz⁴ and Mudasar Arbi⁵

¹Professor, Institute of Environmental Engineering & Research (IEER), University of Engineering & Technology (UET), Lahore. Email: sajjad@uet.edu.pk

²Assistant Professor, IEER, UET, Lahore. Email: Mehwish@uet.edu.pk

³Lecturer, IEER, UET, Lahore. Email: gulehina@uet.edu.pk*

⁴Professor, University of Lahore. Email: jaaziz@hotmail.com

⁵Graduate Student, IEER, UET, Lahore. Email: marbi@hotmail.com

*Corresponding author

1 ABSTRACT

A study was carried out to evaluate the treatment efficiency of modified model of septic tank (ST) for the treatment of domestic wastewater. The objective was to explore the possibility of increasing the removal efficiency, at household level, thereby reducing cost and treatment burden on city level treatment plants.

Download English Version:

<https://daneshyari.com/en/article/6593025>

Download Persian Version:

<https://daneshyari.com/article/6593025>

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