



**SDI Review Form 1.6**

|                          |   |
|--------------------------|---|
| Journal Name:            | <a href="#">Journal of Engineering Research and Reports</a> |
| Manuscript Number:       | Ms_JERR_54868   |
| Title of the Manuscript: | Bio-tower Application for Wastewater Treatment              |
| Type of the Article      | Original Research Article                                   |

**General guideline for Peer Review process:**

This journal's peer review policy states that **NO** manuscript should be rejected only on the basis of '**lack of Novelty**', provided the manuscript is scientifically robust and technically sound. To know the complete guideline for Peer Review process, reviewers are requested to visit this link:

(<http://www.sciencedomain.org/page.php?id=sdi-general-editorial-policy#Peer-Review-Guideline>)

**PART 1: Review Comments**

|                                     | Reviewer's comment   | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|-------------------------------------|--|---|
| <b>Compulsory</b> REVISION comments | <p><b>There are several things that Author should take into consideration and correct:</b></p> <ul style="list-style-type: none"> <li>- <b>Why to use materials such as Polyvinyl Chloride (PVC) and Polypropylene (PP) for growth media instead of natural materials? Why are they better? What about their impact on the environment?</b></li> <li>- <b>Be careful with abbreviations. The full name (followed by abbreviation in the brackets) is needed when term appears for the first time</b></li> <li>- <b>The better explanation of aeration and testing should be given. It is very confusing and is not clear which WW was clarified? The municipal? From where? Where are its characteristics? There should be a table with inlet parameters and characteristics of examined WW, which further can be compared with parameters after the treatment.</b></li> <li>- <b>Also, Authors indicate that this is a pre-clarified WW. In which way it is pre-clarified? This should be stated in manuscript.</b></li> <li>- <b>Authors should add to the manuscript the possible reuse of treated WW especially since they are mentioned in the introduction section that reuse of the effluent water before and after treatment can become an effective solution to the shortage of the water resources.</b></li> </ul> |   |
| <b>Minor</b> REVISION comments      | There are some grammatical and technical errors in the manuscript which should be corrected. The detail comments are given directly in the manuscript attached in pdf format.  |   |
| <b>Optional/General</b> comments    | The manuscript deals with laboratory scale bio-tower with growth media containing a cover of brown bacteria, for the treatment of pre-clarified municipal wastewater in order to reduce the chemical oxygen demand, NH <sub>3</sub> -N and total phosphorus.   |   |

**PART 2:**

|   | Reviewer's comment   | Author's comment (if agreed with reviewer, correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here) |
|---|--|---|
| <b>Are there ethical issues in this manuscript?</b> | <i>(If yes, Kindly please write down the ethical issues here in details)</i> |   |

Reviewer Details:

|                                  |                                     |
|----------------------------------|-------------------------------------|
| Name:                            | <b>Ivona Nuić</b>                   |
| Department, University & Country | <b>University of Split, Croatia</b> |