

Review Form 3

Journal Name:	Journal of Materials Science Research and Reviews
Manuscript Number:	Ms_JMSRR_128040
Title of the Manuscript:	Application of Recycled Plastic Media to Enhance Processes of a Waste Water Treatment Plant
Type of the Article	Original Research Article

PART 1: Comments

	Reviewer's comment	Author's Feedback <i>(Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)</i>
Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.	This research is crucial in the application of wastewater treatment, because it works on many treatment techniques. And it shows that how suspended and attached growth techniques are working in the treatment plant in terms of using recyclable media.	
Is the title of the article suitable? (If not please suggest an alternative title)	I think the title is suitable.	
Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here.	Some obtained important results should d ssx be added in the abstract.	
Is the manuscript scientifically, correct? Please write here.	The manuscript is scientifically correct however there are some sections need more details such as the quality of wastewater and a sample calculation of section 2.2 and measuring some quality parameters to know their removal efficiencies. As well as the specifications of the used media not mentioned in the research. In section of results, the obtained results should be compared to other published works.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	<p>The references are few and not sufficient. The author should try to add some recent references that are relevant to this research such as:</p> <ul style="list-style-type: none"> -‘The Effect of Wastewater Treatment Plants on Retainment of Plastic Microparticles to Enhance Water Quality—A Review’ -‘The Efficiency of a Biological Reactor in a Domestic Wastewater Treatment Plant Operating Based on ABS (Acrylonitrile Butadiene Styrene) Material and Recycled PUR (Polyurethane) Foam’ -Combining dissolved air flotation (DAF) and modified moving bed biofilm reactors (MMBBR) for synthetic oily wastewater treatment -Biofilm formation monitoring using SEM in synthetic wastewater pollutant removal by combination of DAF and modified MBBR -Biomass production for bioenergy using recycled wastewater in a natural waste treatment system’ 	

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Is the language/English quality of the article suitable for scholarly communications?	There are some English mistakes in the article should be re write again, for example the word of "waste water" should be write in one word as "wastewater".	
<u>Optional/General</u> comments	Figure 10 Anaerobic fermenter the figure is not completed for the months December, January and Febuary!	

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)
Are there ethical issues in this manuscript?	<i>(If yes, Kindly please write down the ethical issues here in details)</i>	

Reviewer Details:

Name:	Sazan Mohammed Ali
Department, University & Country	Noble Technical Institute, Iraq