

Review Form 3

Journal Name:	International Journal of Environment and Climate Change
Manuscript Number:	Ms_IJECC_122444
Title of the Manuscript:	"Evaluating the Efficacy of Sand Filtration for Greywater Treatment: Impact of Column Length on Water Quality and Irrigation Suitability"
Type of the Article	Original Research Article

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PART 1: Review Comments

Compulsory REVISION comments	Reviewer's comment	Author's Feedback (Please correct the manuscript and highlight that part in the manuscript. It is mandatory that authors should write his/her feedback here)
Please write a few sentences regarding the importance of this manuscript for the scientific community. Why do you like (or dislike) this manuscript? A minimum of 3-4 sentences may be required for this part.	The results suggest that sand filtering effectively decreases the concentrations of total suspended solids (TSS), electrical conductivity (EC), as well as other electrolytes such as chloride (Cl ⁻), sulphate (SO ₄ ²⁻), and sodium (Na ⁺). Prior to treatment with the 100 ft sand column, the pH of the untreated GW was alkaline but was subsequently lowered to approximate neutral values. Key water quality indicators, including Sodium Adsorption Ratio (SAR), Sodium Ratio (SR), and Soluble Sodium Percentage (SSP), were found to be within acceptable thresholds after treatment, indicating that the filtered Groundwater (GW) is appropriate for irrigation.	
Is the title of the article suitable? (If not please suggest an alternative title)	Yes	
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.	Yes	
Are subsections and structure of the manuscript appropriate?	Yes	
Please write a few sentences regarding the scientific correctness of this manuscript. Why do you think that this manuscript is scientifically robust and technically sound? A minimum of 3-4 sentences may be required for this part.	Yes, the manuscript is scientifically robust and technically sound.	
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.	No. It need to include new references.	
Minor REVISION comments		
Is the language/English quality of the article suitable for scholarly communications?	Yes	
Optional/General comments	Paper Accepted	

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>	

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Reviewer Details:

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