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REVIEWER'S REPORT

Manuscript No.: IJAR-56613

Title: Analysis of The Combined Adsorption-Microfiltration (AMFIL) Process for WWTP Effluent to Process Water

Recommendation:

- Accept as it is
- Accept after minor revision.....**
- Accept after major revision
- Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		x		
Techn. Quality		x		
Clarity			x	
Significance		x		

Reviewer Name: Dr. Hari Prashad Joshi

Detailed Reviewer's Report

This manuscript presents a practically relevant study on treating WWTP effluent for reuse as process water in the seaweed processing industry using a combined adsorption-microfiltration (AMFIL) system. The research is well-motivated, addresses a real industrial water sustainability challenge, and provides useful performance data on pollutant removal. The experimental setup on a pilot scale with real industrial effluent adds to the practical value of the work. However, a few issues require attention before publication. The manuscript contains several grammatical errors, awkward phrasings, and inconsistencies (e.g., "Theaims" in the abstract, "2- membrane tube" in section 2.2) that need correction to improve clarity. The term "varying weights and sizes" in the abstract is vague and should be quantified. The results section mentions Figures 2, 4, and 5, but these figures are not provided in this manuscript file, making it impossible to assess the data presentation. The discussion is somewhat brief and could be strengthened by interpreting the observed removal efficiencies in the context of the cited literature, particularly regarding the synergistic effects of the combined process. Addressing these minor but important points will enhance the manuscript's overall quality and impact.