Review Form 3

Journal Name:	**Asian Journal of Environment & Ecology**
Manuscript Number:	**Ms_AJEE_124814**
Title of the Manuscript:	**EFFECT OF EFFLUENTS PRODUCED FROM PALM OIL PROCESSING INDUSTRIES ON FISH PRODUCTION AROUND BUGALA ISLAND, KALANGALA DISTRICT, UGANDA.**
Type of the 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.		
Is the title of the article suitable? (If not please suggest an alternative title)		
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.		
Are subsections and structure of the manuscript appropriate?		
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.		
Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.		

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Minor REVISION comments **Is the language/English quality of the article suitable for scholarly communications?**		
Optional/General comments	The authors have reviewed a topic which is the need of the hour. They have investigated the effect of effluents from palm oil processing industries on fish production. The introduction part of the manuscript need to be improved by substantial literature survey. Some sample relevant review articles are listed below. There is a need to improve the English grammar and cohesiveness. The histopathological lesions, behavioural changes, growth reduction, mortality, reproductive impairment, disrupted gill and lever performance, water pollution, and decreased phytoplankton diversity are well known effects of palm oil mill effluent. However, the manuscript may be accepted for publication with minor modification. 1. Hosseini, S. E., & Abdul Wahid, M. (2015). Pollutant in palm oil production process. Journal of the Air & Waste Management Association, 65(7), 773-781. 2. Iskandar, M. J., Baharum, A., Anuar, F. H., & Othaman, R. (2018). Palm oil industry in South East Asia and the effluent treatment technology—A review. Environmental technology & innovation, 9, 169-185. 3. Awotoye, O. O., Dada, A. C., & Arawomo, G. A. O. (2011). Impact of palm oil processing effluent discharge on the quality of receiving soil and river in South Western Nigeria. Journal of Applied Sciences Research, 7(2), 111-118. 4. Kristanti, R. A., Hadibarata, T., Yuniarto, A., & Muslim, A. (2021). Palm oil industries in Malaysia and possible treatment technologies for palm oil mill effluent: A review. Environmental Research, Engineering and Management, 77(3), 50-65. 5. Mohammad, S., Baidurah, S., Kobayashi, T., Ismail, N., & Leh, C. P. (2021). Palm oil mill effluent treatment processes—A review. Processes, 9(5), 739. 6. Zahan, K. A., & Kano, M. (2018). Biodiesel production from palm oil, its by-products, and mill effluent: A review. Energies, 11(8), 2132. 7. Ibrahim, A. H., Dahlan, I., Adlan, M. N., & Dasti, A. F. (2008). Comparative study on characterization of Malaysian palm oil mill effluent. Research Journal of Chemical Sciences 8. Ahmed, M. A. H. M. U. D. (2009). The Use of Micro filter Recovered Palm Oil Mill Effluent (POME) Sludge as Fish Feed Ingredient (Doctoral dissertation, Master's Thesis, Universiti Sains Malaysia). 9. Halim, F. T., Guo, X., Su, G., Ngee, H. L., Zeng, X., He, N., ... & Danquah, M. K. (2016). Sustainable microalgae□based palm oil mill effluent treatment process with simultaneous biomass production. The Canadian Journal of Chemical Engineering, 94(10), 1848-1854. 10. Wu, T. Y., Mohammad, A. W., Jahim, J. M., & Anuar, N. (2010). Pollution control technologies for the treatment of palm oil mill effluent (POME) through end-of-pipe processes. Journal of environmental management, 91(7), 1467-1490.	

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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?	*(If yes, Kindly please write down the ethical issues here in details)*	

Reviewer Details:

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Department, University & Country	**Netra Jyothi Institute of Allied Health Sciences, India**