



**SDI Review Form 1.6**

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|--------------------------|------------------------------------------------------------------------------------------------------|
| Journal Name:            | <a href="#">Current Journal of Applied Science and Technology</a>                                    |
| Manuscript Number:       | Ms_CJAST_50132                                                                                       |
| Title of the Manuscript: | <b>MICROPELLET PARTICLES: A VECTOR OF HYDROPHOBIC ENDOCRINE DISRUPTING CHEMICALS IN LAGOS LAGOON</b> |
| Type of the Article      | <b>Original Research Article</b>                                                                     |

**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**

|                                     | <b>Reviewer's comment</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <b>Author's comment</b> (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>This is a study that likely complements to in Nigeria. This fact should be stressed both in the introduction and material &amp; methods.</p> <p>Major points to be addressed in the revision:</p> <ul style="list-style-type: none"> <li>• Methodology for data collection tide, weather and/or current condition not clearly defined.</li> <li>• The map location for the study should be described more in details (i.e. lat/long sampling station, river flowing into the lagoon, demographic information, coastal activities etc).</li> <li>• Location for surface and sediment sampling not clearly defined.</li> <li>• Weather condition contribute to micro plastic distribution, however not considered in the discussion or conclusion</li> </ul> | <p>In introduction; more emphasize is placed on Nigeria in paragraph 30-37, 48-53 and 69-72. It was further stressed in methodology under the description of sampling area 81-88.</p> <p>The weather and current condition was clearly stated in paragraph (89-96)</p> <ul style="list-style-type: none"> <li>- The coordinate of Lagos Lagoon was cited in paragraph (82-83)</li> <li>- The sampling station with each of the points were illustrated in the map of the study area</li> <li>- The weather condition was considered in the discussion and conclusion</li> </ul> |
| <b>Minor</b> REVISION comments      | <p>Minor points:</p> <ul style="list-style-type: none"> <li>• Figure 4 indicate ST6 accumulation of micro plastic was higher but was not explain</li> <li>• Figure 8 indicate station 2, 4, 5, 6 and 8 indicate a significant difference between season, however not explain methodology.</li> <li>• Reference style is not complying with journal requirement</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                     | <ul style="list-style-type: none"> <li>- Figure 4 results was explained in paragraph (188-192)</li> <li>- Figure 8 result was further explained in paragraph (240-245) between the sampled matrices</li> <li>- The reference has been rewrite to fit the Journal format</li> </ul>                                                                                                                                                                                                                                                                                              |
| <b>Optional/General</b> comments    | <p>In conclusion:</p> <ul style="list-style-type: none"> <li>• standardising the use of English US or UK</li> <li>• SI metric i.e. location of the study area</li> <li>• Reference style to comply with journal requirement</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <ul style="list-style-type: none"> <li>- The English has been standardized to use of English in US</li> <li>- The reference has been rewrite to fit the Journal format</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                               |

**PART 2:**

|                                                     | <b>Reviewer's comment</b>                                                    | <b>Author's comment</b> (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> |                                                                                                                                                                                      |