



**SDI Review Form 1.6**

Journal Name:	<a href="#">Asian Journal of Physical and Chemical Sciences</a>
Manuscript Number:	Ms_AJOPACS_49000
Title of the Manuscript:	Application of GIS in the assessment of groundwater quality in the Yenagoa watershed of the Niger Delta region of Nigeria
Type of the Article	Original Research Article

**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**

	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)
<b>Compulsory</b> REVISION comments	<ul style="list-style-type: none"> <li>- Discussions and results: what does mean water suitability?</li> <li>- The water quality of borehole 5 does not meet the WHO standards according to the table 1 (iron: 0.36). However, borehole 5 is located in suitable area in figure 4.</li> <li>- The quality parameters studied in the article are discontinuous parameters. In which extend, the established maps reflect the reality of ground water quality. Many verifications are necessary to conclude the "suitability" of water quality.</li> </ul>	<ul style="list-style-type: none"> <li>-Water suitability means area that are good for drinking</li> <li>-please kindly check well is located in non suitable is just that there is an overlap on it.</li> <li>-Yes but you could see that have been able to establish the work to some extend so that further research can be made in continue work in the area.</li> </ul>
<b>Minor</b> REVISION comments	-	
<b>Optional/General</b> comments	-	

**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)	