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Journal Name:	**Journal of Geography, Environment and Earth Science International**
Manuscript Number:	**Ms_JGEESI_32939**
Title of the Manuscript:	**HYDROGEOCHEMICAL ASSESSMENT OF GROUNDWATER QUALITY IN OWERRI METROPOLIS, IMO STATE, SOUTHERN 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.
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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)*
Compulsory REVISION comments	1. On the page 5 (line 181), the Authors wrote, that 15 parameters are monitored, whereas in table 2 is 18 parameters.	Have been revised.
	2. On the page 7 (line 216-217), the Authors wrote, that "The sample from Orogwe have the highest Electrical Conductivity values and while that of Naze have the highest Total dissolved solids". How it's possible, If TDS was measured by electrical conductivity (page 9, line 239). And, page 9 (line 239) " Total dissolved solid (TDS) is measured by electrical conductivity of the surface water" - "surface water" or "groundwater" - please check.	Thanks for this comment. It was made us run a reliability check on the datasets and in the process discovered some error in the laboratory measurement. So we proceeded to conduct the sampling and measurement again in July, 2018. And finally we came up with more reliable datasets.
	3. Table 2 shows Fe, Pb, Zn, Cu, but these ions are not discussed in section 4 "Results and discussions". Why?	Have been revised and included in the discussion.
	4. Page 5, section 3 - What was the basis for selection of measured parameters in groundwater? Why these parameters was analysed? Please explain, what the criterion for the selection of these compounds was.	We have presented the basis and criterion for selecting these parameters in the methodology.
	5. Authors use the terms: "subsurface water", "groundwater" "ground water". I suggest to use of the one phrase "groundwater" throughout the article - please check carefully all the text.	The phrase has been unified
	6. On the page 10 (line 249-250), the Authors wrote "The total hardness for Owerri Groundwater samples ranges from 0.17-	Units has been unified.

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	0.36mg/l", whereas in table 5 the hardness is expressed as mg/l CaCO3. I suggest to unify the unit of this parameter. 7. On the page 11 (line 273), the Authors wrote "... the absence of heavy metals like zinc..." But, according to table 2 value of Zn is ranged from 0,13 to 0,30 mg/l.	Have been revised.
Minor REVISION comments		
Optional/General comments	1. I propose to remove general information; please check carefully all the text. It is clear for readers of this journal. p. 1-2 line 34-42 "Groundwater is referred to as water present Earth's subsurface...." p. 5 line 175-180 " Expressions and units for describing water quality was used to interpret the quality characteristics of the groundwater samples..." p. 6 line 190-195 " A Piper diagram consists of geometrical combination...." p. 7 I propose to remove Fig. 2 2. I suggest, to add in the table1 information about the lithology, described in the text in detail.	Noted and removed. Noted and removed. Noted and removed. Noted and removed. We have included lithology in Table 1.