

Review Form 1.6

Journal Name:	International Research Journal of Pure and Applied Chemistry
Manuscript Number:	Ms_IRJPAC_90422
Title of the Manuscript:	APPLICATION OF CORRELATION MATRIX AND ANALYSIS OF VARIANCE (ANOVA) IN PROFILING SURFACE WATER IN NEMBE CREEK OF NIGER DELTA, 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:

(<https://www.journalirpac.com/index.php/IRJPAC/editorial-policy>)

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		
Minor REVISION comments	Reviewer's comment on Abstract: Author is advised to state if the first range of values for dissolved oxygen (DO) is for wet season. Reviewer's comment on Results: Author is advised to correct the value for P-value at 95% confidence interval as 0.05 and not 0.005 as obtained under the following sections; electrical conductivity, dissolved oxygen, turbidity, total hardness, organics, anions – all the ions, and heavy metals – all the metals.	
Optional/General comments	This is a very unique work; it does not just focus on the health implications of the parameters assessed but tried to analyse and figure out the relationships between the parameters which led to a logical conclusion that the differences observed in the levels of various parameters may not only be attributed to exploration activities but other sources – natural and anthropogenic. The work is well researched, well written, robust and exhaustive.	

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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