



SDI FINAL EVALUATION FORM 1.1

PART 1:

Journal Name:	British Journal of Applied Science & Technology
Manuscript Number:	2014_BJAST_13598
Title of the Manuscript:	Stream Water Quality Assessment for Irrigation at Nasarawa - Kakuri Area of Kaduna, Nigeria

PART 2:

FINAL EVALUATOR'S comments on revised paper (if any)	Authors' response to final evaluator's comments
Results and discussion: This section needs to be revised as proposed on: 1. Nature of results presentation 2. Discussion should be done by comparing the author's results with the existing literature to establish differences or congruence for easy justification. See the attached form of results presentation. 3. The title of Table 1 should be revised as previously proposed. 4. Calculate spearman's or Pearson correlation to determine elemental interactions [Be sure that the data meets the requirements for running Pearson correlation coefficient]. This could improve on the discussion and conclusions made Conclusions: It should be revised as follows: Electrical conductivity and potassium ion concentrations of the Nasarawa stream water samples were above the irrigation guideline values at all the six sampling points, boron is close to guideline value at two points, while the SAR values exceeded the guideline value at four of the six sampling points whereas the rest were within the maximum permissible limits. Results showed the need for the Nasarawa stream water to be subjected to some level of treatment for especially during the dry season when the level of dilution by rain water will be absent, and the water will be required for irrigation	The results have been compared with the international standard which is also included in the table, and in some cases with the works of others. There appears to be a confusion here. Two evaluators suggested two different titles for the table. I used one of them for the first review, now I have changed it to the second suggested title. The Pearson correlation analysis has been included in the paper. The conclusion has been revised as suggested. Only the new corrections are highlighted in yellow in the 2nd revised paper attached.