



**SDI Review Form 1.6**

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| Journal Name:            | <b><u>British Journal of Applied Science &amp; Technology</u></b>                                                                                                                                             |
| Manuscript Number:       | <b>2014_BJAST_9358</b>                                                                                                                                                                                        |
| Title of the Manuscript: | <b>Bioremediation of Soil Contaminated with Crude Oil and Amended with Moringa Oleifera<br/>Suggested title : Effect of <i>M.oleifera</i> seed cake on the bioremediation of crude oil contaminated soil.</b> |
| Type of the 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) |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b><u>Compulsory</u></b> REVISION comments | <p><b>Abstract:</b> Conclusion should not come ahead of objective of research</p> <p><b>Mat and methods:</b> Four different plastics will be labelled A-D not A-C, 2kg soil is relatively small soil to absorb 200ml of crude oil and perhaps 250ml water-there will be little or no aeration. No replication in this expt, the exptal units too small.</p> <p>The treatment is quite confusing, cannot understand why uncontaminated soil should serve as control instead of Moringa seed cake unamended soil since it is the treatment being investigated</p> <p>The method used for the determination of crude oil degraded and cannot be relied upon .other biochemical processes could increase or decrease the original soil sample. There are other reliable technologies used in the measurement of TPH ie chromatography , spectrometry etc.</p> <p><b>Results and discussion.</b>Physicochemical instead of physiochemical</p> <p><b>Table 1.</b> explains the constituents or properties of M.oleifera seed cake? How were they able to determine total aerobic bacteria and crude oil utilizing bacteria as a property of seed cake</p> |                                                                                                                                                                               |
| <b><u>Minor</u></b> REVISION comments      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                               |
| <b><u>Optional/General</u></b> comments    | The experiment is faulty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                               |

**Reviewer Details:**

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|----------------------------------|--------------------------------------------------|
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