



**SDI Review Form 1.6**

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| Journal Name:            | <a href="#">Advances in Research</a>   |
| Manuscript Number:       | 2014_AIR_11933   |
| Title of the Manuscript: | <b>Potentials for Bio surfactant Enhanced Bioremediation of Hydrocarbon Contaminated Soil and Water – a Review</b> |
| Type of the Article      | <b>Review Article</b>  |

**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>)



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**PART 1: Review Comments**

|  | <b>Reviewer's comment</b>  | <b>Author's comment</b> <i>(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)</i> |
|--|--|---|
| <b><u>Compulsory</u></b> REVISION comments | <p>Page 6, line 172: Give examples of the tested hydrocarbons in this study.</p> <p>Page 7, line 198: What about other types of biosurfactants? More details are needed to better understand the role of biosurfactants in the remediation of HOCs.</p> <p>Page 7, line 203-205: Which biosurfatant is used in this study and its CMC? and the washing process was conducted to remove which hydrophobic substance?</p> <p>Page 7, line 191: Add reference</p> <p>Page 8, line 214: Cleaning efficiency of what? Please indicate the target compounds in this experiment.</p> <p>Page 8, line 216-218: What type of biosurfactant is used in this study indicating the corresponding</p> |   |



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|   | <p>CMC.</p> <p>Page 8, line 219-220: Explain?</p> <p>Page 8: What is the role of sorption of biosurfactants in the remediation process (soil washing) of HOCs? Does sorption can reduce the removal efficiency? Please discuss.</p>  |  |
| <b><u>Minor</u></b> REVISION comments   | <p>Page 5, line 133: Efficiency of <i>a given</i> surfactant (add a given) before surfactant</p> <p>Page 7, line 199, Add comma after 10 and replace "critical micelle concentration" by CMC</p> <p>Page 7, line 179 : Start the sentence with "This" instead of And</p> <p>Page 7, line 180 : Write CMC instead of critical micelle concentration</p> |  |
| <b><u>Optional/General</u></b> comments |  |  |

**Reviewer Details:**

|                                  |                  |
|----------------------------------|------------------|
| Name:                            | <b>Anonymous</b> |
| Department, University & Country | <b>Canada</b>    |