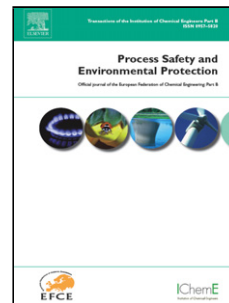


Accepted Manuscript

Title: An overview of heavily polluted landfill leachate treatment using food waste as an alternative and renewable source of activated carbon

Author: Areeb Shehzad Mohammed J.K. Bashir Sumathi
Sethupathi Jun-Wei Lim



PII: S0957-5820(15)00167-6
DOI: <http://dx.doi.org/doi:10.1016/j.psep.2015.09.005>
Reference: PSEP 618

To appear in: *Process Safety and Environment Protection*

Received date: 24-3-2015
Revised date: 2-8-2015
Accepted date: 5-9-2015

Please cite this article as: Shehzad, A., Bashir, M.J.K., Sethupathi, S., Lim, J.-W., An overview of heavily polluted landfill leachate treatment using food waste as an alternative and renewable source of activated carbon, *Process Safety and Environment Protection* (2015), <http://dx.doi.org/10.1016/j.psep.2015.09.005>

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Highlight for Review

- Food waste is a renewable source of AC.
- Activation conditions have a great effect on AC adsorbent characteristics.
- AC is a prominent in landfill leachate pollutants treatment.
- Converting waste into AC may overcome food waste disposal problem.
- Opportunities and challenges concerning AC productions and implementations.

Download English Version:

<https://daneshyari.com/en/article/6974428>

Download Persian Version:

<https://daneshyari.com/article/6974428>

[Daneshyari.com](https://daneshyari.com)