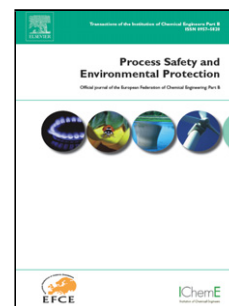


Accepted Manuscript

Title: Removal of perchlorate from drinking water using granular activated carbon modified by acidic functional group: Adsorption kinetics and equilibrium studies

Authors: Rekha Krishnan G., R. Radhika, T. Jayalatha, Salu Jacob, R. Rajeev, Benny K. George, B.R. Anjali



PII: S0957-5820(17)30080-0
DOI: <http://dx.doi.org/doi:10.1016/j.psep.2017.03.014>
Reference: PSEP 1005

To appear in: *Process Safety and Environment Protection*

Received date: 21-10-2016
Revised date: 30-1-2017
Accepted date: 8-3-2017

Please cite this article as: Krishnan G., Rekha, Radhika, R., Jayalatha, T., Jacob, Salu, Rajeev, R., George, Benny K., Anjali, B.R., Removal of perchlorate from drinking water using granular activated carbon modified by acidic functional group: Adsorption kinetics and equilibrium studies. *Process Safety and Environment Protection* <http://dx.doi.org/10.1016/j.psep.2017.03.014>

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.

Removal of perchlorate from drinking water using granular activated carbon modified by acidic functional group: Adsorption kinetics and equilibrium studies

Rekha Krishnan G., R. Radhika, Jayalatha T., Salu Jacob, Rajeev R., Benny K. George, Anjali B.R.*,

Analytical and Spectroscopy Division, Analytical Spectroscopy and Ceramic Group,

Propellants, Polymers, Chemicals and Materials Entity

Vikram Sarabhai Space Centre, Thiruvananthapuram – 695 022, India

** Department of Chemistry, University of Calicut, Malappuram, India*

The corresponding author of the Paper is Rekha Krishnan G. not Anjali B R. Please remove the * it is not required

Download English Version:

<https://daneshyari.com/en/article/4980804>

Download Persian Version:

<https://daneshyari.com/article/4980804>

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