

Accepted Manuscript

Evaluation of relative bioaccessibility leaching procedure for an assessment of lead bioavailability in mixed metal contaminated soils

M.A. Ayanka Wijayawardena, Ravi Naidu, Mallavarapu Megharaj, Dane Lamb, Palanisami Thavamani, Tim Kuchel

PII: S2352-1864(16)30178-X

DOI: <http://dx.doi.org/10.1016/j.eti.2017.02.007>

Reference: ETI 116

To appear in: *Environmental Technology & Innovation*

Received date: 7 December 2016

Please cite this article as: Wijayawardena, M.A.A., Naidu, R., Megharaj, M., Lamb, D., Thavamani, P., Kuchel, T., Evaluation of relative bioaccessibility leaching procedure for an assessment of lead bioavailability in mixed metal contaminated soils. *Environmental Technology & Innovation* (2017), <http://dx.doi.org/10.1016/j.eti.2017.02.007>

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.



Evaluation of relative bioaccessibility leaching procedure for an assessment of lead bioavailability in mixed metal contaminated soils

M.A. Ayanka Wijayawardena^{abc}, Ravi Naidu^{ab}, Mallavarapu Megharaj^{ab}, Dane Lamb^{ab}, Palanisami Thavamani^{ab}, Tim Kuchel^c*

^a Global Centre for Environmental Remediation (GCER), ATC Building, University of Newcastle, Callaghan, NSW 2308, Australia

^b Cooperative Research Centre for Contamination Assessment and Remediation of the Environment (CRC CARE), Mawson Lakes, SA 5095, Australia,
ravi.naidu@newcastle.edu.au; Ravi.Naidu@crccare.com

^c South Australian Health and Medical Research Institute (SAHMRI), 101 Blacks Road Gilles Plains SA 5086

*Corresponding author; Tel: +61 407 720 257, E-mail: Ravi.Naidu@crccare.com (Ravi Naidu).

Keywords: Sorption, swine, *in vitro*, soil properties, relative bioavailability

Download English Version:

<https://daneshyari.com/en/article/5749647>

Download Persian Version:

<https://daneshyari.com/article/5749647>

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