Accepted Manuscript

A risk-based approach for developing standards for irrigation with reclaimed water

Mads Troldborg, Dominic Duckett, Richard Allan, Emily Hastings, Rupert L. Hough

WATER RESEARCH

Land of the worder for Australia

PII: S0043-1354(17)30795-9

DOI: 10.1016/j.watres.2017.09.041

Reference: WR 13235

To appear in: Water Research

Received Date: 02 December 2016

Revised Date: 20 September 2017

Accepted Date: 22 September 2017

Please cite this article as: Mads Troldborg, Dominic Duckett, Richard Allan, Emily Hastings, Rupert L. Hough, A risk-based approach for developing standards for irrigation with reclaimed water, *Water Research* (2017), doi: 10.1016/j.watres.2017.09.041

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.

ACCEPTED MANUSCRIPT

- Human health risks for irrigation with reclaimed water are modelled
- The risk assessment model is designed to inform reclaimed water quality standards
- Stricter standards are required for crop irrigation than for amenity irrigation
- Fuzzy uncertainty propagation shows large uncertainty in predicted standards

Download English Version:

https://daneshyari.com/en/article/5759267

Download Persian Version:

https://daneshyari.com/article/5759267

Daneshyari.com