

## Accepted Manuscript

Title: Low-cost filter media for removal of hydrogen sulphide from piggery biogas

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PII: S0957-5820(16)30266-X  
DOI: <http://dx.doi.org/doi:10.1016/j.psep.2016.11.001>  
Reference: PSEP 904

To appear in: *Process Safety and Environment Protection*

Received date: 15-4-2016  
Revised date: 25-8-2016  
Accepted date: 1-11-2016

Please cite this article as: Skerman, A.G., Heubeck, S., Batstone, D.J., Tait, S., Low-cost filter media for removal of hydrogen sulphide from piggery biogas. *Process Safety and Environment Protection* <http://dx.doi.org/10.1016/j.psep.2016.11.001>

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# Low-cost filter media for removal of hydrogen sulphide from piggery biogas

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## Highlights

- Laboratory trials tested the H<sub>2</sub>S removal performance of various solid media.
- Superior performance was observed for a commercial iron-oxide based medium.
- An iron-oxide rich red soil was the most promising alternative medium.
- The red soil chemisorption capacity increased unexpectedly following regeneration.

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