

Accepted Manuscript

Iron-based subsurface arsenic removal technologies by aeration: A review of the current state and future prospects

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PII: S0043-1354(18)30007-1

DOI: [10.1016/j.watres.2018.01.007](https://doi.org/10.1016/j.watres.2018.01.007)

Reference: WR 13486

To appear in: *Water Research*

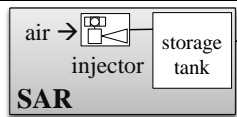
Received Date: 4 September 2017

Revised Date: 3 January 2018

Accepted Date: 3 January 2018

Please cite this article as: Luong, V.T., Cañas Kurz, E.E., Hellriegel, U., Luu, T.L., Hoinkis, J., Bundschuh, J., Iron-based subsurface arsenic removal technologies by aeration: A review of the current state and future prospects, *Water Research* (2018), doi: 10.1016/j.watres.2018.01.007.

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Infiltration/
oxidation phase

$Eh > 0$

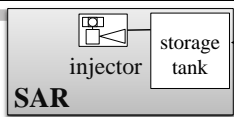
$Eh < 0$

O_2

O_2

oxidation reaction zone

injected
water front



Abstraction/
adsorption phase

$Eh > 0$

$Eh < 0$

treated water

Mn(II) - adsorption zone

Fe(II) + As- adsorption zone

water
transport



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