Screen versus cyclone for improved capacity and robustness for sidestream and mainstream deammonification

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Supplemental D:

Table D1. Kinetic parameters used in model. Adapted from the calibrated model in Al-Omari et al. (2015).

Parameter	Unit	AOB	NOB	AnAOB
μ_{max}	d^{-1}	0.9	0.7	0.1
K_{NH_4}	$mg\ N\ L^{-1}$	0.7	-	0.5
K_{NO_2}	$mg\ N\ L^{-1}$	-	0.05	0.5
K_o	$mg\ O_2\ L^{-1}$	0.4 (0.25)	0.14 (0.5)	-
d_{aer}	d^{-1}	0.17	0.17	0.019
d_{an}	d^{-1}	0.08	0.08	0.0095