

APPENDIX A

Table A.3: Operating conditions of the lab-scale experiments.

	Operating mode	NH ₄ -Ni (mg N·L ⁻¹)	PO ₄ -Pi (mg P·L ⁻¹)	Temperature (°C)		Nitrification	
				R-A (control)	R-B	R-A	R-B
Exp. 1	B	22.5	1.9	25	30	II	II
Exp. 2	C	37.6	2.5	25	30	II	II
Exp. 3	C	56.4	3.7	25	35	II	II
Exp. 4	C	40.7	1.8	25	35*	II	II
Exp. 5	C	56.7	1.6	25	25	I	NI

B: Batch; C: Continuous; I: Nitrification inhibition by adding 10 mg·L⁻¹ of allylthiourea; II: Nitrification inhibition in the inoculum, i.e. 5 mg·L⁻¹ of allylthiourea in the inoculum; NI: Nitrification non-inhibited.

**Only during 4 hours a day*