

Table 2: Nutrient removal capacity and rates of different strains at steady state

	Strain WT6	Strain WT8	Strain WT9	Strain WT10
COD in (mg/L)	1,120	1,120	1,120	1,120
COD out(mg/L)	92	124	480	401
N-NO <sub>3</sub> <sup>-</sup> in (mg/L)	2.8	2.8	2.8	2.8
N-NO <sub>3</sub> <sup>-</sup> out (mg/L)	2.4	1.8	2.6	5.0
N-NH <sub>4</sub> <sup>+</sup> in (mg/L)	63.5	63.5	63.5	63.5
N-NH <sub>4</sub> <sup>+</sup> out (mg/L)	0.3	0.3	0.3	0.2
N removal (mgN/L·day)	19.0	19.2	19.0	18.3
P-PO <sub>4</sub> <sup>3-</sup> in (mg/L)	6.5	6.5	6.5	6.5
P-PO <sub>4</sub> <sup>3-</sup> out (mg/L)	0.6	0.6	0.4	0.2
P removal (mgP/L·day)	1.7	1.7	1.8	1.8