

Table 12: Medians of the pooled total ammonia nitrogen (in mg/L) per treatment to prove Experiment 1, and p values for Kolmogorov-Smirnov, Levene, Kruskal-Wallis and Mood's median test

TREATMENT / STATISTICAL TEST	[NH3-N] AT 0.75 HOURS	[NH3-N] AT 4.75 HOURS	[NH3-N] AT 8.75 HOURS
K1	2.2 ^a	1.85 ^a	1.50 ^a
Gyroid small SSA	2.1 ^a	1.65 ^a	1.14 ^a
Gyroid medium SSA	1.8 ^b	0.85 ^b	0.02 ^b
Gyroid large SSA	1.7 ^b	0.65 ^b	0.01 ^b
p (Normality test Kolmogorov-Smirnov)	*<0.010	*<0.010	*<0.010
p (Equal Variances Levene's test)	*0.000	0.047	*0.000
p (Kruskal-Wallis)	0.000	0.000	0.000
p (Mood's median test) between medium with large SSA vs K1 with small SSA gyroid	0.000	0.000	0.000

* p<0.05 indicates non-normal distribution or non-equal variances

Treatments with the same symbol are not significantly different from each other, from Mood's median test, at a p<0.05