

Table 18: Medians of the pooled total ammonia nitrogen (in mg/L) per treatment to test Experiment 3, 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	2.10 ^a	2.08 ^a	1.70 ^a
Gyroid small SSA	2.10 ^a	2.00 ^b	1.50 ^b
Gyroid large SSA	2.10 ^a	1.12 ^b	0.16 ^b
Gyroid medium SSA	2.10 ^a	1.64 ^b	1.08 ^b
p (Normality test Kolmogorov-Smirnov)	*<0.010	*<0.010	*<0.010
p (Equal Variances Levene's test)	0.459	*0.000	*0.001
p (Kruskal-Wallis)	0.451	0.000	0.000
p (Mood's median test) between gyroids and k1)	0.254	0.000	0.000

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

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