

Table 13: Medians of the pooled nitrate 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	[NO3-N] AT 4.75 HOURS	[NO3-N] AT 8.75 HOURS
Gyroid large SSA	1.905 ^a	2.700 ^a
Gyroid medium SSA	1.590 ^a	2.560 ^a
Gyroid small SSA	0.605 ^b	1.420 ^b
K1	0.420 ^b	1.040 ^b
<i>p</i> (Normality test Kolmogorov-Smirnov)	*<0.010	*<0.010
<i>p</i> (Equal Variances Levene's test)	*0.009	*0.043
<i>p</i> (Kruskal-Wallis)	0.000	0.000
<i>p</i> (Mood's median test) between medium with large SSA gyroid vs K1 with small SSA gyroid	0.000	0.000

* $p \leq 0.05$ 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 $p < 0.05$