

Table 1 Mean squares and their significance values derived from one-way ANOVA of turbidity, pH, NO_x, PO₄ and NH₄ between treatments for each time sampled. NH₄ data were Log₁₀(n+1) transformed. N.B. * = $p < 0.05$; ** = $p < 0.01$; *** = $p < 0.001$. Bolded LSD results are shown where treatments are significantly different

Time interval	df	Sources of variation	Turbidity	pH	NO _x	NH ₄	PO ₄
0	2	Treatment	0.01ns	0.00ns	0.3ns	0.01ns	0.05ns
	6	Residual	0.03	0.00	0.19	0.01	0.04
30 mins	2	Treatment	299.29***	2.52***	23.09ns	4.54***	14.51ns
	6	Residual	4.19	0.04	14.39	0.05	7.85
3 hrs	2	Treatment	117.87***	3.62***	0.55ns	4.93***	0.96***
	6	Residual	4.85	0.06	0.14	0.05	0.01
1 day	2	Treatment	25.77*	1.86*	0.30ns	3.63***	0.68***
	6	Residual	0.75	0.06	0.15	0.14	0.00
2 days	2	Treatment	22.47***	2.34***	1.11ns	5.51***	0.72***
	6	Residual	0.31	0.03	0.17	0.01	0.01
3 days	2	Treatment	12.20***	1.75***	0.42ns	4.99***	0.59***
	6	Residual	0.37	0.02	0.22	0.01	0.01
4 days	2	Treatment	12.20**	107**	0.42ns	4.83***	1.21***
	6	Residual	0.52	0.03	0.43	0.01	0.01
5 days	2	Treatment	15.57**	0.70**	0.03ns	4.12***	1.11***
	6	Residual	0.81	0.05	0.12	0.01	0.01