

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] READING AT 0.75 HR.	[NO3-N] READING AT 4.75 HR.	[NO3-N] READING AT 8.75 HR.	[NH3-N] READING AT 0.75 HR.	[NH3-N] READING AT 4.75 HR.	[NH3-N] READING AT 8.75 HR.
1	1	Gyroid medium	0.000	0.228	0.252	0.21	0.21	0.11
1	1	Gyroid medium	0.000	0.240	0.221	0.23	0.21	0.13
1	1	Gyroid medium	0.000	0.226	0.222	0.20	0.21	0.10
1	1	Gyroid medium	0.000	0.254	0.231	0.19	0.19	0.04
1	1	Gyroid medium	0.000	0.281	0.249	0.21	0.22	0.05
1	1	Gyroid medium	0.000	0.296	0.265	0.20	0.20	0.05
1	1	Gyroid medium	0.000	0.280	0.277	0.20	0.17	0.05
1	1	Gyroid medium	0.000	0.285	0.246	0.21	0.18	0.07
1	1	Gyroid medium	0.000	0.275	0.256	0.21	0.19	0.07
1	1	Gyroid large	0.000	0.304	0.224	0.21	0.14	0.02
1	1	Gyroid large	0.000	0.296	0.270	0.20	0.15	0.02
1	1	Gyroid large	0.000	0.283	0.267	0.21	0.15	0.03
1	1	Gyroid large	0.000	0.269	0.229	0.17	0.18	0.07
1	1	Gyroid large	0.000	0.293	0.253	0.20	0.19	0.07
1	1	Gyroid large	0.000	0.269	0.260	0.18	0.19	0.07
1	1	Gyroid large	0.000	0.278	0.264	0.20	0.15	0.03
1	1	Gyroid large	0.000	0.299	0.258	0.21	0.15	0.06
1	1	Gyroid large	0.000	0.305	0.286	0.22	0.17	0.04
1	1	K1	0.000	0.073	0.123	0.28	0.36	0.68
1	1	K1	0.000	0.063	0.073	0.25	0.37	0.69
1	1	K1	0.000	0.066	0.120	0.25	0.33	0.70
1	1	K1	0.000	0.081	0.119	0.28	0.40	0.78
1	1	K1	0.000	0.070	0.088	0.25	0.38	0.81
1	1	K1	0.000	0.096	0.088	0.24	0.38	0.86
1	1	K1	0.000	0.062	0.096	0.23	0.40	0.75
1	1	K1	0.000	0.078	0.104	0.24	0.40	0.77
1	1	K1	0.000	0.064	0.071	0.28	0.40	0.76
1	1	Gyroid low	0.000	0.095	0.134	0.25	0.33	0.57
1	1	Gyroid low	0.000	0.076	0.087	0.26	0.33	0.58
1	1	Gyroid low	0.000	0.085	0.113	0.31	0.34	0.60
1	1	Gyroid low	0.000	0.118	0.155	0.22	0.33	0.67
1	1	Gyroid low	0.000	0.099	0.120	0.23	0.36	0.67
1	1	Gyroid low	0.000	0.123	0.138	0.25	0.35	0.68
1	1	Gyroid low	0.000	0.097	0.101	0.21	0.35	0.65
1	1	Gyroid low	0.000	0.089	0.086	0.21	0.35	0.66
1	1	Gyroid low	0.000	0.079	0.081	0.22	0.35	0.66
1	2	Gyroid medium	0.000	0.314	0.262	0.16	0.16	0.02
1	2	Gyroid medium	0.000	0.298	0.254	0.18	0.17	0.02
1	2	Gyroid medium	0.000	0.339	0.262	0.17	0.17	0.02
1	2	Gyroid medium	0.000	0.325	0.247	0.16	0.17	0.01
1	2	Gyroid medium	0.000	0.334	0.261	0.17	0.15	0.01
1	2	Gyroid medium	0.000	0.315	0.286	0.15	0.16	0.01
1	2	Gyroid medium	0.000	0.321	0.285	0.18	0.15	0.01
1	2	Gyroid medium	0.000	0.317	0.271	0.18	0.14	0.01
1	2	Gyroid medium	0.000	0.338	0.321	0.19	0.15	0.01
1	2	Gyroid large	0.000	0.360	0.253	0.18	0.11	0.01
1	2	Gyroid large	0.000	0.385	0.277	0.14	0.11	0.01
1	2	Gyroid large	0.000	0.391	0.276	0.14	0.11	0.01
1	2	Gyroid large	0.000	0.311	0.255	0.17	0.13	0.01
1	2	Gyroid large	0.000	0.332	0.266	0.21	0.14	0.01
1	2	Gyroid large	0.000	0.328	0.254	0.17	0.13	0.01
1	2	Gyroid large	0.000	0.409	0.318	0.15	0.09	0.01
1	2	Gyroid large	0.000	0.396	0.286	0.16	0.08	0.01
1	2	Gyroid large	0.000	0.409	0.272	0.17	0.09	0.01
1	2	K1	0.000	0.125	0.125	0.20	0.36	0.70
1	2	K1	0.000	0.113	0.157	0.19	0.37	0.70
1	2	K1	0.000	0.118	0.074	0.22	0.37	0.73
1	2	K1	0.000	0.103	0.113	0.16	0.37	0.73
1	2	K1	0.000	0.123	0.088	0.19	0.37	0.70
1	2	K1	0.000	0.111	0.077	0.20	0.36	0.76
1	2	K1	0.000	0.057	0.105	0.22	0.37	0.75
1	2	K1	0.000	0.084	0.052	0.20	0.36	0.78
1	2	K1	0.000	0.078	0.054	0.21	0.36	0.72
1	2	Gyroid low	0.000	0.100	0.079	0.21	0.33	0.58
1	2	Gyroid low	0.000	0.107	0.083	0.18	0.31	0.57
1	2	Gyroid low	0.000	0.109	0.102	0.18	0.33	0.55
1	2	Gyroid low	0.000	0.160	0.177	0.18	0.29	0.48
1	2	Gyroid low	0.000	0.186	0.164	0.15	0.28	0.43
1	2	Gyroid low	0.000	0.195	0.170	0.17	0.29	0.43
1	2	Gyroid low	0.000	0.121	0.123	0.21	0.35	0.65

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] READING AT 0.75 HR.	[NO3-N] READING AT 4.75 HR.	[NO3-N] READING AT 8.75 HR.	[NH3-N] READING AT 0.75 HR.	[NH3-N] READING AT 4.75 HR.	[NH3-N] READING AT 8.75 HR.
1	2	Gyroid low	0.000	0.106	0.126	0.20	0.35	0.64
1	2	Gyroid low	0.000	0.114	0.155	0.21	0.34	0.63
1	3	Gyroid medium	0.000	0.369	0.243	0.19	0.15	0.00
1	3	Gyroid medium	0.000	0.417	0.244	0.21	0.13	0.01
1	3	Gyroid medium	0.000	0.392	0.244	0.18	0.14	0.00
1	3	Gyroid medium	0.000	0.382	0.247	0.17	0.13	0.00
1	3	Gyroid medium	0.000	0.355	0.293	0.17	0.13	0.01
1	3	Gyroid medium	0.000	0.402	0.225	0.20	0.13	0.01
1	3	Gyroid medium	0.000	0.318	0.271	0.17	0.13	0.00
1	3	Gyroid medium	0.000	0.358	0.285	0.16	0.17	0.01
1	3	Gyroid medium	0.000	0.334	0.277	0.16	0.17	0.00
1	3	Gyroid large	0.000	0.394	0.329	0.15	0.19	0.00
1	3	Gyroid large	0.000	0.420	0.292	0.15	0.11	0.01
1	3	Gyroid large	0.000	0.406	0.297	0.15	0.11	0.01
1	3	Gyroid large	0.000	0.394	0.274	0.18	0.13	0.01
1	3	Gyroid large	0.000	0.407	0.216	0.16	0.13	0.00
1	3	Gyroid large	0.000	0.414	0.336	0.17	0.13	0.01
1	3	Gyroid large	0.000	0.401	0.308	0.18	0.07	0.00
1	3	Gyroid large	0.000	0.381	0.263	0.17	0.08	0.00
1	3	Gyroid large	0.000	0.391	0.293	0.15	0.09	0.01
1	3	K1	0.000	0.078	0.084	0.21	0.36	0.77
1	3	K1	0.000	0.076	0.087	0.23	0.40	0.82
1	3	K1	0.000	0.065	0.104	0.21	0.39	0.81
1	3	K1	0.000	0.179	0.165	0.17	0.34	0.65
1	3	K1	0.000	0.125	0.156	0.19	0.37	0.64
1	3	K1	0.000	0.118	0.157	0.17	0.38	0.71
1	3	K1	0.000	0.163	0.128	0.22	0.38	0.77
1	3	K1	0.000	0.134	0.142	0.21	0.39	0.77
1	3	K1	0.000	0.114	0.130	0.22	0.36	0.79
1	3	Gyroid low	0.000	0.160	0.142	0.18	0.32	0.47
1	3	Gyroid low	0.000	0.135	0.151	0.18	0.32	0.49
1	3	Gyroid low	0.000	0.127	0.168	0.19	0.34	0.49
1	3	Gyroid low	0.000	0.142	0.208	0.19	0.30	0.54
1	3	Gyroid low	0.000	0.137	0.209	0.21	0.44	0.55
1	3	Gyroid low	0.000	0.130	0.223	0.20	0.36	0.56
1	3	Gyroid low	0.000	0.156	0.161	0.21	0.31	0.43
1	3	Gyroid low	0.000	0.148	0.157	0.22	0.35	0.43
1	3	Gyroid low	0.000	0.151	0.147	0.15	0.29	0.41
2	1	Gyroid medium	0.000	0.810	0.322	0.17	0.25	0.09
2	1	Gyroid medium	0.000	0.820	0.323	0.18	0.24	0.08
2	1	Gyroid medium	0.000	0.810	0.358	0.19	0.22	0.08
2	1	Gyroid medium	0.000	0.765	0.415	0.20	0.22	0.05
2	1	Gyroid medium	0.000	0.780	0.426	0.20	0.24	0.04
2	1	Gyroid medium	0.000	0.855	0.580	0.19	0.22	0.06
2	1	Gyroid medium	0.000	0.730	0.301	0.25	0.24	0.11
2	1	Gyroid medium	0.000	0.690	0.336	0.22	0.24	0.05
2	1	Gyroid medium	0.000	0.830	0.335	0.23	0.23	0.07
2	1	Gyroid large	0.000	0.485	0.277	0.22	0.30	0.35
2	1	Gyroid large	0.000	0.545	0.305	0.20	0.34	0.34
2	1	Gyroid large	0.000	0.555	0.250	0.21	0.31	0.30
2	1	Gyroid large	0.000	0.575	0.271	0.21	0.35	0.37
2	1	Gyroid large	0.000	0.545	0.454	0.21	0.35	0.37
2	1	Gyroid large	0.000	0.515	0.391	0.21	0.34	0.40
2	1	Gyroid large	0.000	0.460	0.303	0.22	0.30	0.26
2	1	Gyroid large	0.000	0.625	0.301	0.22	0.30	0.25
2	1	Gyroid large	0.000	0.500	0.315	0.22	0.34	0.27
2	1	K1	0.000	0.309	0.239	0.21	0.43	0.66
2	1	K1	0.000	0.266	0.190	0.20	0.41	0.65
2	1	K1	0.000	0.380	0.238	0.21	0.43	0.65
2	1	K1	0.000	0.685	0.291	0.22	0.32	0.36
2	1	K1	0.000	0.715	0.325	0.22	0.30	0.30
2	1	K1	0.000	0.750	0.281	0.21	0.30	0.29
2	1	K1	0.000	0.365	0.311	0.22	0.43	0.66
2	1	K1	0.000	0.317	0.275	0.22	0.43	0.64
2	1	K1	0.000	0.384	0.222	0.19	0.43	0.64
2	1	Gyroid low	0.000	0.580	0.277	0.20	0.32	0.30
2	1	Gyroid low	0.000	0.565	0.291	0.20	0.32	0.31
2	1	Gyroid low	0.000	0.635	0.262	0.21	0.30	0.30
2	1	Gyroid low	0.000	1.005	0.361	0.21	0.20	0.03

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] READING AT 0.75 HR.	[NO3-N] READING AT 4.75 HR.	[NO3-N] READING AT 8.75 HR.	[NH3-N] READING AT 0.75 HR.	[NH3-N] READING AT 4.75 HR.	[NH3-N] READING AT 8.75 HR.
2	1	Gyroid low	0.000	0.975	0.373	0.22	0.21	0.03
2	1	Gyroid low	0.000	0.985	0.395	0.20	0.21	0.07
2	1	Gyroid low	0.000	0.700	0.426	0.21	0.31	0.25
2	1	Gyroid low	0.000	0.715	0.438	0.20	0.30	0.22
2	1	Gyroid low	0.000	0.725	0.304	0.20	0.30	0.24
2	2	Gyroid medium	0.000	0.670	0.505	0.17	0.15	0.13
2	2	Gyroid medium	0.000	0.590	0.467	0.20	0.15	0.11
2	2	Gyroid medium	0.000	0.630	0.493	0.20	0.15	0.16
2	2	Gyroid medium	0.000	0.472	0.342	0.19	0.21	0.05
2	2	Gyroid medium	0.000	0.486	0.324	0.19	0.20	0.11
2	2	Gyroid medium	0.000	0.461	0.330	0.21	0.19	0.05
2	2	Gyroid medium	0.000	0.474	0.373	0.19	0.20	0.16
2	2	Gyroid medium	0.000	0.498	0.540	0.20	0.20	0.14
2	2	Gyroid medium	0.000	0.472	0.386	0.20	0.20	0.15
2	2	Gyroid large	0.000	0.635	0.351	0.21	0.30	0.37
2	2	Gyroid large	0.000	0.402	0.368	0.20	0.30	0.39
2	2	Gyroid large	0.000	0.715	0.369	0.21	0.30	0.35
2	2	Gyroid large	0.000	0.440	0.287	0.21	0.30	0.38
2	2	Gyroid large	0.000	0.366	0.211	0.21	0.30	0.39
2	2	Gyroid large	0.000	0.320	0.336	0.21	0.30	0.38
2	2	Gyroid large	0.000	0.357	0.247	0.20	0.31	0.23
2	2	Gyroid large	0.000	0.333	0.305	0.21	0.29	0.22
2	2	Gyroid large	0.000	0.338	0.259	0.21	0.29	0.24
2	2	K1	0.000	0.228	0.219	0.21	0.39	0.68
2	2	K1	0.000	0.000	0.213	0.21	0.42	0.68
2	2	K1	0.000	0.273	0.194	0.23	0.39	0.69
2	2	K1	0.000	0.421	0.377	0.20	0.29	0.37
2	2	K1	0.000	0.580	0.374	0.21	0.30	0.35
2	2	K1	0.000	0.377	0.371	0.20	0.30	0.37
2	2	K1	0.000	0.380	0.371	0.22	0.38	0.63
2	2	K1	0.000	0.325	0.367	0.24	0.37	0.57
2	2	K1	0.000	0.402	0.369	0.22	0.36	0.61
2	2	Gyroid low	0.000	0.489	0.515	0.25	0.34	0.35
2	2	Gyroid low	0.000	0.431	0.520	0.24	0.30	0.36
2	2	Gyroid low	0.000	0.445	0.454	0.20	0.28	0.33
2	2	Gyroid low	0.000	0.490	0.360	0.18	0.21	0.17
2	2	Gyroid low	0.000	0.498	0.369	0.20	0.21	0.18
2	2	Gyroid low	0.000	0.463	0.400	0.17	0.20	0.17
2	2	Gyroid low	0.000	0.520	0.373	0.21	0.25	0.21
2	2	Gyroid low	0.000	0.465	0.364	0.20	0.23	0.21
2	2	Gyroid low	0.000	0.486	0.468	0.20	0.25	0.21
2	3	Gyroid medium	0.000	0.555	0.238	0.20	0.39	0.05
2	3	Gyroid medium	0.000	0.510	0.369	0.20	0.45	0.04
2	3	Gyroid medium	0.000	0.635	0.303	0.21	0.43	0.05
2	3	Gyroid medium	0.000	0.605	0.305	0.21	0.27	0.03
2	3	Gyroid medium	0.000	0.610	0.304	0.23	0.22	0.01
2	3	Gyroid medium	0.000	0.448	0.304	0.21	0.27	0.01
2	3	Gyroid medium	0.000	0.710	0.338	0.21	0.33	0.02
2	3	Gyroid medium	0.000	0.715	0.326	0.25	0.21	0.02
2	3	Gyroid medium	0.000	0.680	0.350	0.21	0.23	0.01
2	3	Gyroid large	0.000	0.482	0.257	0.23	0.32	0.26
2	3	Gyroid large	0.000	0.501	0.365	0.24	0.40	0.27
2	3	Gyroid large	0.000	0.402	0.286	0.21	0.36	0.24
2	3	Gyroid large	0.000	0.341	0.175	0.22	0.52	0.30
2	3	Gyroid large	0.000	0.329	0.262	0.22	0.50	0.31
2	3	Gyroid large	0.000	0.251	0.192	0.24	0.40	0.32
2	3	Gyroid large	0.000	0.550	0.267	0.23	0.47	0.39
2	3	Gyroid large	0.000	0.575	0.302	0.23	0.44	0.39
2	3	Gyroid large	0.000	0.545	0.248	0.21	0.44	0.38
2	3	K1	0.000	0.178	0.056	0.22	0.50	0.86
2	3	K1	0.000	0.168	0.052	0.23	0.51	0.80
2	3	K1	0.000	0.142	0.059	0.23	0.48	0.86
2	3	K1	0.000	0.440	0.118	0.23	0.44	0.71
2	3	K1	0.000	0.413	0.123	0.24	0.42	0.71
2	3	K1	0.000	0.271	0.128	0.23	0.43	0.68
2	3	K1	0.000	0.333	0.110	0.22	0.42	0.72
2	3	K1	0.000	0.340	0.133	0.26	0.44	0.73
2	3	K1	0.000	0.301	0.127	0.24	0.44	0.73
2	3	Gyroid low	0.000	0.256	0.102	0.21	0.52	0.69

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] READING AT 0.75 HR.	[NO3-N] READING AT 4.75 HR.	[NO3-N] READING AT 8.75 HR.	[NH3-N] READING AT 0.75 HR.	[NH3-N] READING AT 4.75 HR.	[NH3-N] READING AT 8.75 HR.
2	3	Gyroid low	0.000	0.179	0.132	0.26	0.50	0.67
2	3	Gyroid low	0.000	0.286	0.096	0.23	0.51	0.70
2	3	Gyroid low	0.000	0.377	0.211	0.23	0.41	0.33
2	3	Gyroid low	0.000	0.379	0.199	0.24	0.43	0.36
2	3	Gyroid low	0.000	0.360	0.189	0.23	0.34	0.34
2	3	Gyroid low	0.000	0.379	0.198	0.22	0.57	0.44
2	3	Gyroid low	0.000	0.443	0.201	0.23	0.42	0.47
2	3	Gyroid low	0.000	0.363	0.199	0.21	0.51	0.46
3	1	Gyroid medium	0.000	0.270	0.291	0.19	0.35	0.50
3	1	Gyroid medium	0.000	0.237	0.267	0.19	0.39	0.49
3	1	Gyroid medium	0.000	0.277	0.216	0.21	0.40	0.48
3	1	Gyroid medium	0.000	0.322	0.265	0.20	0.32	0.27
3	1	Gyroid medium	0.000	0.322	0.251	0.18	0.32	0.27
3	1	Gyroid medium	0.000	0.322	0.248	0.21	0.31	0.27
3	1	Gyroid medium	0.000	0.332	0.294	0.18	0.28	0.20
3	1	Gyroid medium	0.000	0.324	0.271	0.21	0.26	0.17
3	1	Gyroid medium	0.000	0.322	0.287	0.19	0.28	0.17
3	1	Gyroid large	0.000	0.449	0.236	0.21	0.27	0.17
3	1	Gyroid large	0.000	0.440	0.291	0.20	0.28	0.18
3	1	Gyroid large	0.000	0.494	0.314	0.21	0.29	0.15
3	1	Gyroid large	0.000	0.520	0.377	0.18	0.11	0.06
3	1	Gyroid large	0.000	0.605	0.338	0.19	0.11	0.04
3	1	Gyroid large	0.000	0.525	0.348	0.21	0.11	0.03
3	1	Gyroid large	0.000	0.530	0.302	0.17	0.10	0.06
3	1	Gyroid large	0.000	0.535	0.321	0.19	0.11	0.07
3	1	Gyroid large	0.000	0.550	0.273	0.23	0.10	0.05
3	1	K1	0.000	0.173	0.274	0.20	0.52	0.17
3	1	K1	0.000	0.156	0.231	0.20	0.57	0.18
3	1	K1	0.000	0.205	0.221	0.22	0.52	0.17
3	1	K1	0.000	0.286	0.500	0.19	0.51	0.14
3	1	K1	0.000	0.300	0.595	0.20	0.49	0.14
3	1	K1	0.000	0.284	0.540	0.20	0.53	0.15
3	1	K1	0.000	0.123	0.276	0.19	0.54	0.15
3	1	K1	0.000	0.113	0.247	0.20	0.48	0.14
3	1	K1	0.000	0.117	0.253	0.20	0.49	0.14
3	1	Gyroid low	0.000	0.277	0.470	0.19	0.43	0.14
3	1	Gyroid low	0.000	0.329	0.464	0.20	0.55	0.12
3	1	Gyroid low	0.000	0.294	0.474	0.21	0.54	0.14
3	1	Gyroid low	0.000	0.227	0.510	0.21	0.50	0.14
3	1	Gyroid low	0.000	0.236	0.520	0.21	0.49	0.14
3	1	Gyroid low	0.000	0.247	0.505	0.17	0.44	0.12
3	1	Gyroid low	0.000	0.240	0.535	0.18	0.48	0.15
3	1	Gyroid low	0.000	0.230	0.498	0.19	0.49	0.15
3	1	Gyroid low	0.000	0.250	0.500	0.21	0.52	0.16
3	2	Gyroid medium	0.000	0.307	0.360	0.21	0.31	0.50
3	2	Gyroid medium	0.000	0.510	0.436	0.21	0.31	0.51
3	2	Gyroid medium	0.000	0.477	0.498	0.23	0.35	0.52
3	2	Gyroid medium	0.000	0.256	0.323	0.24	0.44	0.53
3	2	Gyroid medium	0.000	0.180	0.375	0.22	0.41	0.54
3	2	Gyroid medium	0.000	0.168	0.345	0.21	0.43	0.54
3	2	Gyroid medium	0.000	0.155	0.380	0.25	0.41	0.60
3	2	Gyroid medium	0.000	0.142	0.305	0.22	0.48	0.60
3	2	Gyroid medium	0.000	0.151	0.388	0.23	0.45	0.62
3	2	Gyroid large	0.000	0.675	0.490	0.26	0.26	0.09
3	2	Gyroid large	0.000	0.675	0.420	0.21	0.24	0.07
3	2	Gyroid large	0.000	0.605	0.411	0.22	0.26	0.08
3	2	Gyroid large	0.000	0.384	0.455	0.20	0.18	0.01
3	2	Gyroid large	0.000	0.392	0.451	0.21	0.21	0.01
3	2	Gyroid large	0.000	0.424	0.510	0.22	0.18	0.02
3	2	Gyroid large	0.000	0.202	0.295	0.25	0.39	0.07
3	2	Gyroid large	0.000	0.175	0.346	0.23	0.42	0.05
3	2	Gyroid large	0.000	0.310	0.304	0.25	0.40	0.06
3	2	K1	0.000	0.333	0.475	0.24	0.50	0.15
3	2	K1	0.000	0.343	0.483	0.24	0.50	0.15
3	2	K1	0.000	0.287	0.565	0.23	0.48	0.15
3	2	K1	0.000	0.376	0.830	0.23	0.46	0.12
3	2	K1	0.000	0.357	1.000	0.22	0.47	0.13
3	2	K1	0.000	0.364	0.935	0.22	0.50	0.17
3	2	K1	0.000	0.157	0.414	0.21	0.60	0.18

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] READING AT 0.75 HR.	[NO3-N] READING AT 4.75 HR.	[NO3-N] READING AT 8.75 HR.	[NH3-N] READING AT 0.75 HR.	[NH3-N] READING AT 4.75 HR.	[NH3-N] READING AT 8.75 HR.
3	2	K1	0.000	0.179	0.477	0.23	0.50	0.17
3	2	K1	0.000	0.211	0.412	0.24	0.56	0.17
3	2	Gyroid low	0.000	0.427	0.635	0.24	0.45	0.13
3	2	Gyroid low	0.000	0.477	0.720	0.23	0.46	0.14
3	2	Gyroid low	0.000	0.369	0.560	0.24	0.48	0.13
3	2	Gyroid low	0.000	0.575	0.545	0.23	0.45	0.12
3	2	Gyroid low	0.000	0.467	0.605	0.24	0.43	0.13
3	2	Gyroid low	0.000	0.590	0.660	0.23	0.44	0.13
3	2	Gyroid low	0.000	0.212	0.615	0.22	0.51	0.15
3	2	Gyroid low	0.000	0.153	0.605	0.22	0.55	0.17
3	2	Gyroid low	0.000	0.374	0.560	0.22	0.50	0.17
3	3	Gyroid medium	0.000	0.409	0.228	0.20	0.49	0.86
3	3	Gyroid medium	0.000	0.515	0.201	0.19	0.53	0.88
3	3	Gyroid medium	0.000	0.496	0.227	0.21	0.49	0.87
3	3	Gyroid medium	0.000	0.285	0.205	0.19	0.49	0.82
3	3	Gyroid medium	0.000	0.246	0.204	0.18	0.52	0.88
3	3	Gyroid medium	0.000	0.368	0.173	0.21	0.51	0.85
3	3	Gyroid medium	0.000	0.306	0.207	0.21	0.45	0.73
3	3	Gyroid medium	0.000	0.388	0.186	0.20	0.44	0.72
3	3	Gyroid medium	0.000	0.435	0.205	0.22	0.43	0.67
3	3	Gyroid large	0.000	0.550	0.269	0.21	0.36	0.44
3	3	Gyroid large	0.000	0.483	0.254	0.20	0.35	0.43
3	3	Gyroid large	0.000	0.555	0.275	0.22	0.36	0.41
3	3	Gyroid large	0.000	0.295	0.208	0.20	0.49	0.82
3	3	Gyroid large	0.000	0.378	0.169	0.19	0.49	0.85
3	3	Gyroid large	0.000	0.360	0.184	0.21	0.49	0.85
3	3	Gyroid large	0.000	0.273	0.181	0.20	0.49	0.78
3	3	Gyroid large	0.000	0.349	0.170	0.19	0.48	0.75
3	3	Gyroid large	0.000	0.402	0.157	0.22	0.50	0.76
3	3	K1	0.000	0.196	0.269	0.20	0.53	0.17
3	3	K1	0.000	0.139	0.270	0.19	0.55	0.17
3	3	K1	0.000	0.125	0.243	0.21	0.55	0.17
3	3	K1	0.000	0.179	0.185	0.21	0.56	0.20
3	3	K1	0.000	0.148	0.203	0.20	0.58	0.18
3	3	K1	0.000	0.147	0.146	0.22	0.56	0.19
3	3	K1	0.000	0.108	0.158	0.23	0.53	0.17
3	3	K1	0.000	0.082	0.185	0.22	0.56	0.18
3	3	K1	0.000	0.096	0.139	0.24	0.51	0.18
3	3	Gyroid low	0.000	0.227	0.314	0.25	0.59	0.17
3	3	Gyroid low	0.000	0.281	0.306	0.24	0.54	0.17
3	3	Gyroid low	0.000	0.244	0.301	0.26	0.54	0.17
3	3	Gyroid low	0.000	0.185	0.285	0.21	0.53	0.17
3	3	Gyroid low	0.000	0.189	0.269	0.22	0.53	0.17
3	3	Gyroid low	0.000	0.173	0.267	0.20	0.54	0.17
3	3	Gyroid low	0.000	0.148	0.261	0.20	0.52	0.16
3	3	Gyroid low	0.000	0.180	0.250	0.19	0.50	0.15
3	3	Gyroid low	0.000	0.109	0.226	0.18	0.53	0.15



TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	DILUTION FACTOR [NO3-N] READING AT 0.75 HR.	DILUTION FACTOR [NO3-N] READING AT 4.75 HR.	DILUTION FACTOR [NO3-N] READING AT 875 HR.
1	2	Gyroid low	1	5	10
1	2	Gyroid low	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid medium	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	Gyroid large	1	5	10
1	3	K1	1	5	10
1	3	K1	1	5	10
1	3	K1	1	5	10
1	3	K1	1	5	10
1	3	K1	1	5	10
1	3	K1	1	5	10
1	3	Gyroid low	1	5	10
1	3	Gyroid low	1	5	10
1	3	Gyroid low	1	5	10
1	3	Gyroid low	1	5	10
1	3	Gyroid low	1	5	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid medium	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	Gyroid large	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	K1	1	2	10
2	1	Gyroid low	1	2	10
2	1	Gyroid low	1	2	10
2	1	Gyroid low	1	2	10
2	1	Gyroid low	1	2	10

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	DILUTION FACTOR [NO3-N] READING AT 0.75 HR.	DILUTION FACTOR [NO3-N] READING AT 4.75 HR.	DILUTION FACTOR [NO3-N] READING AT 875 HR.
2	1	Gyroid low	1	2	10
2	1	Gyroid low	1	2	10
2	1	Gyroid low	1	2	10
2	1	Gyroid low	1	2	10
2	1	Gyroid low	1	2	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid medium	1	4	10
2	2	Gyroid large	1	4	10
2	2	Gyroid large	1	4	10
2	2	Gyroid large	1	4	10
2	2	Gyroid large	1	4	10
2	2	Gyroid large	1	4	10
2	2	Gyroid large	1	4	10
2	2	Gyroid large	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	K1	1	4	10
2	2	Gyroid low	1	4	10
2	2	Gyroid low	1	4	10
2	2	Gyroid low	1	4	10
2	2	Gyroid low	1	4	10
2	2	Gyroid low	1	4	10
2	2	Gyroid low	1	4	10
2	2	Gyroid low	1	4	10
2	2	Gyroid low	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid medium	1	4	10
2	3	Gyroid large	1	4	10
2	3	Gyroid large	1	4	10
2	3	Gyroid large	1	4	10
2	3	Gyroid large	1	4	10
2	3	Gyroid large	1	4	10
2	3	Gyroid large	1	4	10
2	3	Gyroid large	1	4	10
2	3	Gyroid large	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	K1	1	4	10
2	3	Gyroid low	1	4	10



**TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a**

[illegible]

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

[illegible]



TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	DILUTION FACTOR [NH3-N] READING AT 0.75 HR.	DILUTION FACTOR [NH3-N] READING AT 4.75 HR.	DILUTION FACTOR [NH3-N] READING AT 8.75 HR.
1	2	Gyroid low	10	5	2
1	2	Gyroid low	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid medium	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	Gyroid large	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	K1	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
1	3	Gyroid low	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid medium	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	Gyroid large	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	K1	10	5	2
2	1	Gyroid low	10	5	2
2	1	Gyroid low	10	5	2
2	1	Gyroid low	10	5	2
2	1	Gyroid low	10	5	2

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	DILUTION FACTOR [NH3-N] READING AT 0.75 HR.	DILUTION FACTOR [NH3-N] READING AT 4.75 HR.	DILUTION FACTOR [NH3-N] READING AT 8.75 HR.
2	1	Gyroid low	10	5	2
2	1	Gyroid low	10	5	2
2	1	Gyroid low	10	5	2
2	1	Gyroid low	10	5	2
2	1	Gyroid low	10	5	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid medium	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	Gyroid large	10	4	2
2	2	K1	10	4	2
2	2	K1	10	4	2
2	2	K1	10	4	2
2	2	K1	10	4	2
2	2	K1	10	4	2
2	2	K1	10	4	2
2	2	K1	10	4	2
2	2	K1	10	4	2
2	2	Gyroid low	10	4	2
2	2	Gyroid low	10	4	2
2	2	Gyroid low	10	4	2
2	2	Gyroid low	10	4	2
2	2	Gyroid low	10	4	2
2	2	Gyroid low	10	4	2
2	2	Gyroid low	10	4	2
2	2	Gyroid low	10	4	2
2	3	Gyroid medium	10	4	2
2	3	Gyroid medium	10	4	2
2	3	Gyroid medium	10	4	2
2	3	Gyroid medium	10	4	2
2	3	Gyroid medium	10	4	2
2	3	Gyroid medium	10	4	2
2	3	Gyroid medium	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	Gyroid large	10	4	2
2	3	K1	10	4	2
2	3	K1	10	4	2
2	3	K1	10	4	2
2	3	K1	10	4	2
2	3	K1	10	4	2
2	3	K1	10	4	2
2	3	K1	10	4	2
2	3	Gyroid low	10	4	2

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

[illegible]

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

[illegible]

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] AT 0.75 HR.	[NO3-N] AT 4.75 HR.	[NO3-N] AT 8.75 HR.	[NH3-N] AT 0.75 HR.	[NH3-N] AT 4.75 HR.	[NH3-N] AT 8.75 HR.	NH3-N VARIATION	NH3-N %REMOVAL
1	1	Gyroid medium	0.00	1.14	2.52	2.10	1.05	0.22	1.88	89.52
1	1	Gyroid medium	0.00	1.20	2.21	2.30	1.05	0.26	2.04	88.70
1	1	Gyroid medium	0.00	1.13	2.22	2.00	1.05	0.20	1.80	90.00
1	1	Gyroid medium	0.00	1.27	2.31	1.90	0.95	0.08	1.82	95.79
1	1	Gyroid medium	0.00	1.41	2.49	2.10	1.10	0.10	2.00	95.24
1	1	Gyroid medium	0.00	1.48	2.65	2.00	1.00	0.10	1.90	95.00
1	1	Gyroid medium	0.00	1.40	2.77	2.00	0.85	0.10	1.90	95.00
1	1	Gyroid medium	0.00	1.43	2.46	2.10	0.90	0.14	1.96	93.33
1	1	Gyroid medium	0.00	1.38	2.56	2.10	0.95	0.14	1.96	93.33
1	1	Gyroid large	0.00	1.52	2.24	2.10	0.70	0.04	2.06	98.10
1	1	Gyroid large	0.00	1.48	2.70	2.00	0.75	0.04	1.96	98.00
1	1	Gyroid large	0.00	1.42	2.67	2.10	0.75	0.06	2.04	97.14
1	1	Gyroid large	0.00	1.35	2.29	1.70	0.90	0.14	1.56	91.76
1	1	Gyroid large	0.00	1.47	2.53	2.00	0.95	0.14	1.86	93.00
1	1	Gyroid large	0.00	1.35	2.60	1.80	0.95	0.14	1.66	92.22
1	1	Gyroid large	0.00	1.39	2.64	2.00	0.75	0.06	1.94	97.00
1	1	Gyroid large	0.00	1.50	2.58	2.10	0.75	0.12	1.98	94.29
1	1	Gyroid large	0.00	1.53	2.86	2.20	0.85	0.08	2.12	96.36
1	1	K1	0.00	0.37	1.23	2.80	1.80	1.36	1.44	51.43
1	1	K1	0.00	0.32	0.73	2.50	1.85	1.38	1.12	44.80
1	1	K1	0.00	0.33	1.20	2.50	1.65	1.40	1.10	44.00
1	1	K1	0.00	0.41	1.19	2.80	2.00	1.56	1.24	44.29
1	1	K1	0.00	0.35	0.88	2.50	1.90	1.62	0.88	35.20
1	1	K1	0.00	0.48	0.88	2.40	1.90	1.72	0.68	28.33
1	1	K1	0.00	0.31	0.96	2.30	2.00	1.50	0.80	34.78
1	1	K1	0.00	0.39	1.04	2.40	2.00	1.54	0.86	35.83
1	1	K1	0.00	0.32	0.71	2.80	2.00	1.52	1.28	45.71
1	1	Gyroid low	0.00	0.48	1.34	2.50	1.65	1.14	1.36	54.40
1	1	Gyroid low	0.00	0.38	0.87	2.60	1.65	1.16	1.44	55.38
1	1	Gyroid low	0.00	0.43	1.13	3.10	1.70	1.20	1.90	61.29
1	1	Gyroid low	0.00	0.59	1.55	2.20	1.65	1.34	0.86	39.09
1	1	Gyroid low	0.00	0.50	1.20	2.30	1.80	1.34	0.96	41.74
1	1	Gyroid low	0.00	0.62	1.38	2.50	1.75	1.36	1.14	45.60
1	1	Gyroid low	0.00	0.49	1.01	2.10	1.75	1.30	0.80	38.10
1	1	Gyroid low	0.00	0.45	0.86	2.10	1.75	1.32	0.78	37.14
1	1	Gyroid low	0.00	0.40	0.81	2.20	1.75	1.32	0.88	40.00
1	2	Gyroid medium	0.00	1.57	2.62	1.60	0.80	0.03	1.57	98.13
1	2	Gyroid medium	0.00	1.49	2.54	1.80	0.85	0.03	1.77	98.33
1	2	Gyroid medium	0.00	1.70	2.62	1.70	0.85	0.03	1.67	98.24
1	2	Gyroid medium	0.00	1.63	2.47	1.60	0.85	0.01	1.59	99.38
1	2	Gyroid medium	0.00	1.67	2.61	1.70	0.75	0.01	1.69	99.41
1	2	Gyroid medium	0.00	1.58	2.86	1.50	0.80	0.01	1.49	99.33
1	2	Gyroid medium	0.00	1.61	2.85	1.80	0.75	0.02	1.78	98.89
1	2	Gyroid medium	0.00	1.59	2.71	1.80	0.70	0.01	1.79	99.44
1	2	Gyroid medium	0.00	1.69	3.21	1.90	0.75	0.01	1.89	99.47
1	2	Gyroid large	0.00	1.80	2.53	1.80	0.55	0.01	1.79	99.44
1	2	Gyroid large	0.00	1.93	2.77	1.40	0.55	0.01	1.39	99.29
1	2	Gyroid large	0.00	1.96	2.76	1.40	0.55	0.01	1.39	99.29
1	2	Gyroid large	0.00	1.56	2.55	1.70	0.65	0.01	1.69	99.41
1	2	Gyroid large	0.00	1.66	2.66	2.10	0.70	0.01	2.09	99.52
1	2	Gyroid large	0.00	1.64	2.54	1.70	0.65	0.01	1.69	99.41
1	2	Gyroid large	0.00	2.05	3.18	1.50	0.45	0.01	1.49	99.33
1	2	Gyroid large	0.00	1.98	2.86	1.60	0.40	0.01	1.59	99.38
1	2	Gyroid large	0.00	2.05	2.72	1.70	0.45	0.01	1.69	99.41
1	2	K1	0.00	0.63	1.25	2.00	1.80	1.40	0.60	30.00
1	2	K1	0.00	0.57	1.57	1.90	1.85	1.40	0.50	26.32
1	2	K1	0.00	0.59	0.74	2.20	1.85	1.46	0.74	33.64
1	2	K1	0.00	0.52	1.13	1.60	1.85	1.46	0.14	8.75
1	2	K1	0.00	0.62	0.88	1.90	1.85	1.40	0.50	26.32
1	2	K1	0.00	0.56	0.77	2.00	1.80	1.52	0.48	24.00
1	2	K1	0.00	0.29	1.05	2.20	1.85	1.50	0.70	31.82
1	2	K1	0.00	0.42	0.52	2.00	1.80	1.56	0.44	22.00
1	2	K1	0.00	0.39	0.54	2.10	1.80	1.44	0.66	31.43
1	2	Gyroid low	0.00	0.50	0.79	2.10	1.65	1.16	0.94	44.76
1	2	Gyroid low	0.00	0.54	0.83	1.80	1.55	1.14	0.66	36.67
1	2	Gyroid low	0.00	0.55	1.02	1.80	1.65	1.10	0.70	38.89
1	2	Gyroid low	0.00	0.80	1.77	1.80	1.45	0.96	0.84	46.67
1	2	Gyroid low	0.00	0.93	1.64	1.50	1.40	0.86	0.64	42.67
1	2	Gyroid low	0.00	0.98	1.70	1.70	1.45	0.86	0.84	49.41
1	2	Gyroid low	0.00	0.61	1.23	2.10	1.75	1.30	0.80	38.10



TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] AT 0.75 HR.	[NO3-N] AT 4.75 HR.	[NO3-N] AT 8.75 HR.	[NH3-N] AT 0.75 HR.	[NH3-N] AT 4.75 HR.	[NH3-N] AT 8.75 HR.	NH3-N VARIATION	NH3-N %REMOVAL
1	2	Gyroid low	0.00	0.53	1.26	2.00	1.75	1.28	0.72	36.00
1	2	Gyroid low	0.00	0.57	1.55	2.10	1.70	1.26	0.84	40.00
1	3	Gyroid medium	0.00	1.85	2.43	1.90	0.75	0.00	1.90	100.00
1	3	Gyroid medium	0.00	2.09	2.44	2.10	0.65	0.02	2.08	99.05
1	3	Gyroid medium	0.00	1.96	2.44	1.80	0.70	0.00	1.80	100.00
1	3	Gyroid medium	0.00	1.91	2.47	1.70	0.65	0.00	1.70	100.00
1	3	Gyroid medium	0.00	1.78	2.93	1.70	0.65	0.01	1.69	99.41
1	3	Gyroid medium	0.00	2.01	2.25	2.00	0.65	0.01	1.99	99.50
1	3	Gyroid medium	0.00	1.59	2.71	1.70	0.65	0.00	1.70	100.00
1	3	Gyroid medium	0.00	1.79	2.85	1.60	0.85	0.01	1.59	99.38
1	3	Gyroid medium	0.00	1.67	2.77	1.60	0.85	0.00	1.60	100.00
1	3	Gyroid large	0.00	1.97	3.29	1.50	0.95	0.00	1.50	100.00
1	3	Gyroid large	0.00	2.10	2.92	1.50	0.55	0.01	1.49	99.33
1	3	Gyroid large	0.00	2.03	2.97	1.50	0.55	0.01	1.49	99.33
1	3	Gyroid large	0.00	1.97	2.74	1.80	0.65	0.01	1.79	99.44
1	3	Gyroid large	0.00	2.04	2.16	1.60	0.65	0.00	1.60	100.00
1	3	Gyroid large	0.00	2.07	3.36	1.70	0.65	0.01	1.69	99.41
1	3	Gyroid large	0.00	2.01	3.08	1.80	0.35	0.00	1.80	100.00
1	3	Gyroid large	0.00	1.91	2.63	1.70	0.40	0.00	1.70	100.00
1	3	Gyroid large	0.00	1.96	2.93	1.50	0.45	0.01	1.49	99.33
1	3	K1	0.00	0.39	0.84	2.10	1.80	1.54	0.56	26.67
1	3	K1	0.00	0.38	0.87	2.30	2.00	1.64	0.66	28.70
1	3	K1	0.00	0.33	1.04	2.10	1.95	1.62	0.48	22.86
1	3	K1	0.00	0.90	1.65	1.70	1.70	1.30	0.40	23.53
1	3	K1	0.00	0.63	1.56	1.90	1.85	1.28	0.62	32.63
1	3	K1	0.00	0.59	1.57	1.70	1.90	1.42	0.28	16.47
1	3	K1	0.00	0.82	1.28	2.20	1.90	1.54	0.66	30.00
1	3	K1	0.00	0.67	1.42	2.10	1.95	1.54	0.56	26.67
1	3	K1	0.00	0.57	1.30	2.20	1.80	1.58	0.62	28.18
1	3	Gyroid low	0.00	0.80	1.42	1.80	1.60	0.94	0.86	47.78
1	3	Gyroid low	0.00	0.68	1.51	1.80	1.60	0.98	0.82	45.56
1	3	Gyroid low	0.00	0.64	1.68	1.90	1.70	0.98	0.92	48.42
1	3	Gyroid low	0.00	0.71	2.08	1.90	1.50	1.08	0.82	43.16
1	3	Gyroid low	0.00	0.69	2.09	2.10	2.20	1.10	1.00	47.62
1	3	Gyroid low	0.00	0.65	2.23	2.00	1.80	1.12	0.88	44.00
1	3	Gyroid low	0.00	0.78	1.61	2.10	1.55	0.86	1.24	59.05
1	3	Gyroid low	0.00	0.74	1.57	2.20	1.75	0.86	1.34	60.91
1	3	Gyroid low	0.00	0.76	1.47	1.50	1.45	0.82	0.68	45.33
2	1	Gyroid medium	0.00	1.62	3.22	1.70	1.25	0.18	1.52	89.41
2	1	Gyroid medium	0.00	1.64	3.23	1.80	1.20	0.16	1.64	91.11
2	1	Gyroid medium	0.00	1.62	3.58	1.90	1.10	0.16	1.74	91.58
2	1	Gyroid medium	0.00	1.53	4.15	2.00	1.10	0.10	1.90	95.00
2	1	Gyroid medium	0.00	1.56	4.26	2.00	1.20	0.08	1.92	96.00
2	1	Gyroid medium	0.00	1.71	5.80	1.90	1.10	0.12	1.78	93.68
2	1	Gyroid medium	0.00	1.46	3.01	2.50	1.20	0.22	2.28	91.20
2	1	Gyroid medium	0.00	1.38	3.36	2.20	1.20	0.10	2.10	95.45
2	1	Gyroid medium	0.00	1.66	3.35	2.30	1.15	0.14	2.16	93.91
2	1	Gyroid large	0.00	0.97	2.77	2.20	1.50	0.70	1.50	68.18
2	1	Gyroid large	0.00	1.09	3.05	2.00	1.70	0.68	1.32	66.00
2	1	Gyroid large	0.00	1.11	2.50	2.10	1.55	0.60	1.50	71.43
2	1	Gyroid large	0.00	1.15	2.71	2.10	1.75	0.74	1.36	64.76
2	1	Gyroid large	0.00	1.09	4.54	2.10	1.75	0.74	1.36	64.76
2	1	Gyroid large	0.00	1.03	3.91	2.10	1.70	0.80	1.30	61.90
2	1	Gyroid large	0.00	0.92	3.03	2.20	1.50	0.52	1.68	76.36
2	1	Gyroid large	0.00	1.25	3.01	2.20	1.50	0.50	1.70	77.27
2	1	Gyroid large	0.00	1.00	3.15	2.20	1.70	0.54	1.66	75.45
2	1	K1	0.00	0.62	2.39	2.10	2.15	1.32	0.78	37.14
2	1	K1	0.00	0.53	1.90	2.00	2.05	1.30	0.70	35.00
2	1	K1	0.00	0.76	2.38	2.10	2.15	1.30	0.80	38.10
2	1	K1	0.00	1.37	2.91	2.20	1.60	0.72	1.48	67.27
2	1	K1	0.00	1.43	3.25	2.20	1.50	0.60	1.60	72.73
2	1	K1	0.00	1.50	2.81	2.10	1.50	0.58	1.52	72.38
2	1	K1	0.00	0.73	3.11	2.20	2.15	1.32	0.88	40.00
2	1	K1	0.00	0.63	2.75	2.20	2.15	1.28	0.92	41.82
2	1	K1	0.00	0.77	2.22	1.90	2.15	1.28	0.62	32.63
2	1	Gyroid low	0.00	1.16	2.77	2.00	1.60	0.60	1.40	70.00
2	1	Gyroid low	0.00	1.13	2.91	2.00	1.60	0.62	1.38	69.00
2	1	Gyroid low	0.00	1.27	2.62	2.10	1.50	0.60	1.50	71.43
2	1	Gyroid low	0.00	2.01	3.61	2.10	1.00	0.06	2.04	97.14

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] AT 0.75 HR.	[NO3-N] AT 4.75 HR.	[NO3-N] AT 8.75 HR.	[NH3-N] AT 0.75 HR.	[NH3-N] AT 4.75 HR.	[NH3-N] AT 8.75 HR.	NH3-N VARIATION	NH3-N %REMOVAL
2	1	Gyroid low	0.00	1.95	3.73	2.20	1.05	0.06	2.14	97.27
2	1	Gyroid low	0.00	1.97	3.95	2.00	1.05	0.14	1.86	93.00
2	1	Gyroid low	0.00	1.40	4.26	2.10	1.55	0.50	1.60	76.19
2	1	Gyroid low	0.00	1.43	4.38	2.00	1.50	0.44	1.56	78.00
2	1	Gyroid low	0.00	1.45	3.04	2.00	1.50	0.48	1.52	76.00
2	2	Gyroid medium	0.00	2.68	5.05	1.70	0.60	0.26	1.44	84.71
2	2	Gyroid medium	0.00	2.36	4.67	2.00	0.60	0.22	1.78	89.00
2	2	Gyroid medium	0.00	2.52	4.93	2.00	0.60	0.32	1.68	84.00
2	2	Gyroid medium	0.00	1.89	3.42	1.90	0.84	0.10	1.80	94.74
2	2	Gyroid medium	0.00	1.94	3.24	1.90	0.80	0.22	1.68	88.42
2	2	Gyroid medium	0.00	1.84	3.30	2.10	0.76	0.10	2.00	95.24
2	2	Gyroid medium	0.00	1.90	3.73	1.90	0.80	0.32	1.58	83.16
2	2	Gyroid medium	0.00	1.99	5.40	2.00	0.80	0.28	1.72	86.00
2	2	Gyroid medium	0.00	1.89	3.86	2.00	0.80	0.30	1.70	85.00
2	2	Gyroid large	0.00	2.54	3.51	2.10	1.20	0.74	1.36	64.76
2	2	Gyroid large	0.00	1.61	3.68	2.00	1.20	0.78	1.22	61.00
2	2	Gyroid large	0.00	2.86	3.69	2.10	1.20	0.70	1.40	66.67
2	2	Gyroid large	0.00	1.76	2.87	2.10	1.20	0.76	1.34	63.81
2	2	Gyroid large	0.00	1.46	2.11	2.10	1.20	0.78	1.32	62.86
2	2	Gyroid large	0.00	1.28	3.36	2.10	1.20	0.76	1.34	63.81
2	2	Gyroid large	0.00	1.43	2.47	2.00	1.24	0.46	1.54	77.00
2	2	Gyroid large	0.00	1.33	3.05	2.10	1.16	0.44	1.66	79.05
2	2	Gyroid large	0.00	1.35	2.59	2.10	1.16	0.48	1.62	77.14
2	2	K1	0.00	0.91	2.19	2.10	1.56	1.36	0.74	35.24
2	2	K1	0.00	0.00	2.13	2.10	1.68	1.36	0.74	35.24
2	2	K1	0.00	1.09	1.94	2.30	1.56	1.38	0.92	40.00
2	2	K1	0.00	1.68	3.77	2.00	1.16	0.74	1.26	63.00
2	2	K1	0.00	2.32	3.74	2.10	1.20	0.70	1.40	66.67
2	2	K1	0.00	1.51	3.71	2.00	1.20	0.74	1.26	63.00
2	2	K1	0.00	1.52	3.71	2.20	1.52	1.26	0.94	42.73
2	2	K1	0.00	1.30	3.67	2.40	1.48	1.14	1.26	52.50
2	2	K1	0.00	1.61	3.69	2.20	1.44	1.22	0.98	44.55
2	2	Gyroid low	0.00	1.96	5.15	2.50	1.36	0.70	1.80	72.00
2	2	Gyroid low	0.00	1.72	5.20	2.40	1.20	0.72	1.68	70.00
2	2	Gyroid low	0.00	1.78	4.54	2.00	1.12	0.66	1.34	67.00
2	2	Gyroid low	0.00	1.96	3.60	1.80	0.84	0.34	1.46	81.11
2	2	Gyroid low	0.00	1.99	3.69	2.00	0.84	0.36	1.64	82.00
2	2	Gyroid low	0.00	1.85	4.00	1.70	0.80	0.34	1.36	80.00
2	2	Gyroid low	0.00	2.08	3.73	2.10	1.00	0.42	1.68	80.00
2	2	Gyroid low	0.00	1.86	3.64	2.00	0.92	0.42	1.58	79.00
2	2	Gyroid low	0.00	1.94	4.68	2.00	1.00	0.42	1.58	79.00
2	3	Gyroid medium	0.00	2.22	2.38	2.00	1.56	0.10	1.90	95.00
2	3	Gyroid medium	0.00	2.04	3.69	2.00	1.80	0.08	1.92	96.00
2	3	Gyroid medium	0.00	2.54	3.03	2.10	1.72	0.10	2.00	95.24
2	3	Gyroid medium	0.00	2.42	3.05	2.10	1.08	0.06	2.04	97.14
2	3	Gyroid medium	0.00	2.44	3.04	2.30	0.88	0.02	2.28	99.13
2	3	Gyroid medium	0.00	1.79	3.04	2.10	1.08	0.02	2.08	99.05
2	3	Gyroid medium	0.00	2.84	3.38	2.10	1.32	0.04	2.06	98.10
2	3	Gyroid medium	0.00	2.86	3.26	2.50	0.84	0.04	2.46	98.40
2	3	Gyroid medium	0.00	2.72	3.50	2.10	0.92	0.02	2.08	99.05
2	3	Gyroid large	0.00	1.93	2.57	2.30	1.28	0.52	1.78	77.39
2	3	Gyroid large	0.00	2.00	3.65	2.40	1.60	0.54	1.86	77.50
2	3	Gyroid large	0.00	1.61	2.86	2.10	1.44	0.48	1.62	77.14
2	3	Gyroid large	0.00	1.36	1.75	2.20	2.08	0.60	1.60	72.73
2	3	Gyroid large	0.00	1.32	2.62	2.20	2.00	0.62	1.58	71.82
2	3	Gyroid large	0.00	1.00	1.92	2.40	1.60	0.64	1.76	73.33
2	3	Gyroid large	0.00	2.20	2.67	2.30	1.88	0.78	1.52	66.09
2	3	Gyroid large	0.00	2.30	3.02	2.30	1.76	0.78	1.52	66.09
2	3	Gyroid large	0.00	2.18	2.48	2.10	1.76	0.76	1.34	63.81
2	3	K1	0.00	0.71	0.56	2.20	2.00	1.72	0.48	21.82
2	3	K1	0.00	0.67	0.52	2.30	2.04	1.60	0.70	30.43
2	3	K1	0.00	0.57	0.59	2.30	1.92	1.72	0.58	25.22
2	3	K1	0.00	1.76	1.18	2.30	1.76	1.42	0.88	38.26
2	3	K1	0.00	1.65	1.23	2.40	1.68	1.42	0.98	40.83
2	3	K1	0.00	1.08	1.28	2.30	1.72	1.36	0.94	40.87
2	3	K1	0.00	1.33	1.10	2.20	1.68	1.44	0.76	34.55
2	3	K1	0.00	1.36	1.33	2.60	1.76	1.46	1.14	43.85
2	3	K1	0.00	1.20	1.27	2.40	1.76	1.46	0.94	39.17
2	3	Gyroid low	0.00	1.02	1.02	2.10	2.08	1.38	0.72	34.29

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] AT 0.75 HR.	[NO3-N] AT 4.75 HR.	[NO3-N] AT 8.75 HR.	[NH3-N] AT 0.75 HR.	[NH3-N] AT 4.75 HR.	[NH3-N] AT 8.75 HR.	NH3-N VARIATION	NH3-N %REMOVAL
2	3	Gyroid low	0.00	0.72	1.32	2.60	2.00	1.34	1.26	48.46
2	3	Gyroid low	0.00	1.14	0.96	2.30	2.04	1.40	0.90	39.13
2	3	Gyroid low	0.00	1.51	2.11	2.30	1.64	0.66	1.64	71.30
2	3	Gyroid low	0.00	1.52	1.99	2.40	1.72	0.72	1.68	70.00
2	3	Gyroid low	0.00	1.44	1.89	2.30	1.36	0.68	1.62	70.43
2	3	Gyroid low	0.00	1.52	1.98	2.20	2.28	0.88	1.32	60.00
2	3	Gyroid low	0.00	1.77	2.01	2.30	1.68	0.94	1.36	59.13
2	3	Gyroid low	0.00	1.45	1.99	2.10	2.04	0.92	1.18	56.19
3	1	Gyroid medium	0.00	1.08	2.91	1.90	1.40	1.00	0.90	47.37
3	1	Gyroid medium	0.00	0.95	2.67	1.90	1.56	0.98	0.92	48.42
3	1	Gyroid medium	0.00	1.11	2.16	2.10	1.60	0.96	1.14	54.29
3	1	Gyroid medium	0.00	1.29	2.65	2.00	1.28	0.54	1.46	73.00
3	1	Gyroid medium	0.00	1.29	2.51	1.80	1.28	0.54	1.26	70.00
3	1	Gyroid medium	0.00	1.29	2.48	2.10	1.24	0.54	1.56	74.29
3	1	Gyroid medium	0.00	1.33	2.94	1.80	1.12	0.40	1.40	77.78
3	1	Gyroid medium	0.00	1.30	2.71	2.10	1.04	0.34	1.76	83.81
3	1	Gyroid medium	0.00	1.29	2.87	1.90	1.12	0.34	1.56	82.11
3	1	Gyroid large	0.00	1.80	2.36	2.10	1.08	0.34	1.76	83.81
3	1	Gyroid large	0.00	1.76	2.91	2.00	1.12	0.36	1.64	82.00
3	1	Gyroid large	0.00	1.98	3.14	2.10	1.16	0.30	1.80	85.71
3	1	Gyroid large	0.00	2.08	3.77	1.80	0.44	0.12	1.68	93.33
3	1	Gyroid large	0.00	2.42	3.38	1.90	0.44	0.08	1.82	95.79
3	1	Gyroid large	0.00	2.10	3.48	2.10	0.44	0.06	2.04	97.14
3	1	Gyroid large	0.00	2.12	3.02	1.70	0.40	0.12	1.58	92.94
3	1	Gyroid large	0.00	2.14	3.21	1.90	0.44	0.14	1.76	92.63
3	1	Gyroid large	0.00	2.20	2.73	2.30	0.40	0.10	2.20	95.65
3	1	K1	0.00	0.17	0.27	2.00	2.08	1.70	0.30	15.00
3	1	K1	0.00	0.16	0.23	2.00	2.28	1.80	0.20	10.00
3	1	K1	0.00	0.21	0.22	2.20	2.08	1.70	0.50	22.73
3	1	K1	0.00	0.29	0.50	1.90	2.04	1.40	0.50	26.32
3	1	K1	0.00	0.30	0.60	2.00	1.96	1.40	0.60	30.00
3	1	K1	0.00	0.28	0.54	2.00	2.12	1.50	0.50	25.00
3	1	K1	0.00	0.12	0.28	1.90	2.16	1.50	0.40	21.05
3	1	K1	0.00	0.11	0.25	2.00	1.92	1.40	0.60	30.00
3	1	K1	0.00	0.12	0.25	2.00	1.96	1.40	0.60	30.00
3	1	Gyroid low	0.00	0.28	0.47	1.90	1.72	1.40	0.50	26.32
3	1	Gyroid low	0.00	0.33	0.46	2.00	2.20	1.20	0.80	40.00
3	1	Gyroid low	0.00	0.29	0.47	2.10	2.16	1.40	0.70	33.33
3	1	Gyroid low	0.00	0.23	0.51	2.10	2.00	1.40	0.70	33.33
3	1	Gyroid low	0.00	0.24	0.52	2.10	1.96	1.40	0.70	33.33
3	1	Gyroid low	0.00	0.25	0.51	1.70	1.76	1.20	0.50	29.41
3	1	Gyroid low	0.00	0.24	0.54	1.80	1.92	1.50	0.30	16.67
3	1	Gyroid low	0.00	0.23	0.50	1.90	1.96	1.50	0.40	21.05
3	1	Gyroid low	0.00	0.25	0.50	2.10	2.08	1.60	0.50	23.81
3	2	Gyroid medium	0.00	1.23	3.60	2.10	1.24	1.00	1.10	52.38
3	2	Gyroid medium	0.00	2.04	4.36	2.10	1.24	1.02	1.08	51.43
3	2	Gyroid medium	0.00	1.91	4.98	2.30	1.40	1.04	1.26	54.78
3	2	Gyroid medium	0.00	1.02	3.23	2.40	1.76	1.06	1.34	55.83
3	2	Gyroid medium	0.00	0.72	3.75	2.20	1.64	1.08	1.12	50.91
3	2	Gyroid medium	0.00	0.67	3.45	2.10	1.72	1.08	1.02	48.57
3	2	Gyroid medium	0.00	0.62	3.80	2.50	1.64	1.20	1.30	52.00
3	2	Gyroid medium	0.00	0.57	3.05	2.20	1.92	1.20	1.00	45.45
3	2	Gyroid medium	0.00	0.60	3.88	2.30	1.80	1.24	1.06	46.09
3	2	Gyroid large	0.00	2.70	4.90	2.60	1.04	0.18	2.42	93.08
3	2	Gyroid large	0.00	2.70	4.20	2.10	0.96	0.14	1.96	93.33
3	2	Gyroid large	0.00	2.42	4.11	2.20	1.04	0.16	2.04	92.73
3	2	Gyroid large	0.00	1.54	4.55	2.00	0.72	0.02	1.98	99.00
3	2	Gyroid large	0.00	1.57	4.51	2.10	0.84	0.02	2.08	99.05
3	2	Gyroid large	0.00	1.70	5.10	2.20	0.72	0.04	2.16	98.18
3	2	Gyroid large	0.00	0.81	2.95	2.50	1.56	0.14	2.36	94.40
3	2	Gyroid large	0.00	0.70	3.46	2.30	1.68	0.10	2.20	95.65
3	2	Gyroid large	0.00	1.24	3.04	2.50	1.60	0.12	2.38	95.20
3	2	K1	0.00	0.33	0.48	2.40	2.00	1.50	0.90	37.50
3	2	K1	0.00	0.34	0.48	2.40	2.00	1.50	0.90	37.50
3	2	K1	0.00	0.29	0.57	2.30	1.92	1.50	0.80	34.78
3	2	K1	0.00	0.38	0.83	2.30	1.84	1.20	1.10	47.83
3	2	K1	0.00	0.36	1.00	2.20	1.88	1.30	0.90	40.91
3	2	K1	0.00	0.36	0.94	2.20	2.00	1.70	0.50	22.73
3	2	K1	0.00	0.16	0.41	2.10	2.40	1.80	0.30	14.29

TABLE 6: DATA FOR TOTAL AMMONIA NITROGEN AND NITRATE NITROGEN CONCENTRATION (EXPERIMENT 1 - SAME VOLUME) - SUPPLEMENT FOR FIGURE 4a

EXPERIMENT ID	TRIAL NUMBER	TREATMENT	[NO3-N] AT 0.75 HR.	[NO3-N] AT 4.75 HR.	[NO3-N] AT 8.75 HR.	[NH3-N] AT 0.75 HR.	[NH3-N] AT 4.75 HR.	[NH3-N] AT 8.75 HR.	NH3-N VARIATION	NH3-N %REMOVAL
3	2	K1	0.00	0.18	0.48	2.30	2.00	1.70	0.60	26.09
3	2	K1	0.00	0.21	0.41	2.40	2.24	1.70	0.70	29.17
3	2	Gyroid low	0.00	0.43	0.64	2.40	1.80	1.30	1.10	45.83
3	2	Gyroid low	0.00	0.48	0.72	2.30	1.84	1.40	0.90	39.13
3	2	Gyroid low	0.00	0.37	0.56	2.40	1.92	1.30	1.10	45.83
3	2	Gyroid low	0.00	0.58	0.55	2.30	1.80	1.20	1.10	47.83
3	2	Gyroid low	0.00	0.47	0.61	2.40	1.72	1.30	1.10	45.83
3	2	Gyroid low	0.00	0.59	0.66	2.30	1.76	1.30	1.00	43.48
3	2	Gyroid low	0.00	0.21	0.62	2.20	2.04	1.50	0.70	31.82
3	2	Gyroid low	0.00	0.15	0.61	2.20	2.20	1.70	0.50	22.73
3	2	Gyroid low	0.00	0.37	0.56	2.20	2.00	1.70	0.50	22.73
3	3	Gyroid medium	0.00	1.64	2.28	2.00	1.96	1.72	0.28	14.00
3	3	Gyroid medium	0.00	2.06	2.01	1.90	2.12	1.76	0.14	7.37
3	3	Gyroid medium	0.00	1.98	2.27	2.10	1.96	1.74	0.36	17.14
3	3	Gyroid medium	0.00	1.14	2.05	1.90	1.96	1.64	0.26	13.68
3	3	Gyroid medium	0.00	0.98	2.04	1.80	2.08	1.76	0.04	2.22
3	3	Gyroid medium	0.00	1.47	1.73	2.10	2.04	1.70	0.40	19.05
3	3	Gyroid medium	0.00	1.22	2.07	2.10	1.80	1.46	0.64	30.48
3	3	Gyroid medium	0.00	1.55	1.86	2.00	1.76	1.44	0.56	28.00
3	3	Gyroid medium	0.00	1.74	2.05	2.20	1.72	1.34	0.86	39.09
3	3	Gyroid large	0.00	2.20	2.69	2.10	1.44	0.88	1.22	58.10
3	3	Gyroid large	0.00	1.93	2.54	2.00	1.40	0.86	1.14	57.00
3	3	Gyroid large	0.00	2.22	2.75	2.20	1.44	0.82	1.38	62.73
3	3	Gyroid large	0.00	1.18	2.08	2.00	1.96	1.64	0.36	18.00
3	3	Gyroid large	0.00	1.51	1.69	1.90	1.96	1.70	0.20	10.53
3	3	Gyroid large	0.00	1.44	1.84	2.10	1.96	1.70	0.40	19.05
3	3	Gyroid large	0.00	1.09	1.81	2.00	1.96	1.56	0.44	22.00
3	3	Gyroid large	0.00	1.40	1.70	1.90	1.92	1.50	0.40	21.05
3	3	Gyroid large	0.00	1.61	1.57	2.20	2.00	1.52	0.68	30.91
3	3	K1	0.00	0.20	0.27	2.00	2.12	1.70	0.30	15.00
3	3	K1	0.00	0.14	0.27	1.90	2.20	1.70	0.20	10.53
3	3	K1	0.00	0.13	0.24	2.10	2.20	1.70	0.40	19.05
3	3	K1	0.00	0.18	0.19	2.10	2.24	2.00	0.10	4.76
3	3	K1	0.00	0.15	0.20	2.00	2.32	1.80	0.20	10.00
3	3	K1	0.00	0.15	0.15	2.20	2.24	1.90	0.30	13.64
3	3	K1	0.00	0.11	0.16	2.30	2.12	1.70	0.60	26.09
3	3	K1	0.00	0.08	0.19	2.20	2.24	1.80	0.40	18.18
3	3	K1	0.00	0.10	0.14	2.40	2.04	1.80	0.60	25.00
3	3	Gyroid low	0.00	0.23	0.31	2.50	2.36	1.70	0.80	32.00
3	3	Gyroid low	0.00	0.28	0.31	2.40	2.16	1.70	0.70	29.17
3	3	Gyroid low	0.00	0.24	0.30	2.60	2.16	1.70	0.90	34.62
3	3	Gyroid low	0.00	0.19	0.29	2.10	2.12	1.70	0.40	19.05
3	3	Gyroid low	0.00	0.19	0.27	2.20	2.12	1.70	0.50	22.73
3	3	Gyroid low	0.00	0.17	0.27	2.00	2.16	1.70	0.30	15.00
3	3	Gyroid low	0.00	0.15	0.26	2.00	2.08	1.60	0.40	20.00
3	3	Gyroid low	0.00	0.18	0.25	1.90	2.00	1.50	0.40	21.05
3	3	Gyroid low	0.00	0.11	0.23	1.80	2.12	1.50	0.30	16.67