Test period	wetland plot ID	L/W	H (m)	Q (L/H)	C_{TN} (mg/L)	C_{TP} (mg/L)	NH_3 (mg/r	CO_2 (mg/r	CH_4 (mg/n	N_2O (mg/r	GHG (mg/	GWP (mg/m2/d)
Early summer	1	2	0.245	148.175	1.37511	0.19031	4.38978	1975.57	371.1805	0.76341	2347.514	14823.2
	2	4	0.575	153.4816	1.15794	0.3349	3.68962	575.9337	346.8022	0.53208	923.268	12525.77
	3	8	0.2125	437.0281	1.76757	0.50619	5.75404	1893.393	851.7315	0.61039	2745.735	31034.16
	4	2	0.2225	159.8059	4.88242	0.40587	12.57557	2250.472	62.81341	3.20633	2316.491	5341.614
	5	2	0.5425	428.9567	1.64373	0.41109	5.6308	1040.787	94.08158	0.68986	1135.558	4445.139
	6	2	0.49	435.1438	5.30961	0.19394	10.7041	674.0401	134.2026	3.09681	811.3395	6159.779
	7	8	0.22	158.4314	4.85449	0.19051	13.24371	1132.242	784.0841	1.43856	1917.765	28219.79
	8	8	0.49	160.6489	0.67988	0.20306	5.89991	132.1996	89.88546	0.31997	222.4051	3283.656
	9	8	0.5775	439.9646	4.04239	0.18704	8.1673	659.9113	189.3094	1.47741	850.6981	7536.697
	10	4	0.54	159.6907	3.73648	0.12836	8.18199	73.58458	325.1575	3.34312	402.0852	12125.19
	11	4	0.2925	411.473	2.81839	0.29774	6.53656	2074.24	368.854	1.33646	2444.43	15013.54
	12	4	0.2825	452.5188	5.4334	0.34495	8.93932	4829.726	584.4672	3.23198	5417.426	25664.74
Early autumn	1	2	0.24333	165.9547	2.24787	0.9846	6.74556	2801.132	800.5255	0.44421	3602.102	30151.37
	2	4	0.58	165.9247	2.5007	0.44633	6.46157	2721.758	429.2719	0.72323	3151.753	17532.53
	3	8	0.21667	460.892	2.17473	0.51688	6.31431	2408.283	326.105	0.76918	2735.157	13725.07
	4	2	0.22143	174.395	7.13313	0.51046	7.2911	2489.924	124.9358	1.3262	2616.186	7132.949
	5	2	0.54571	461.4863	2.50137	0.44017	5.64534	1987.358	131.0083	0.53429	2118.9	6600.86
	6	2	0.48857	475.413	8.34676	0.48021	10.58383	989.5598	126.4694	1.94613	1117.975	5869.467
	7	8	0.22	165.248	6.97445	0.33489	10.92586	1204.249	633.4267	1.87462	1839.55	23299.39
	8	8	0.49889	167.264	1.23222	0.27812	4.57601	566.7488	121.5186	0.15159	688.419	4743.556
	9	8	0.57778	450.2357	5.90518	0.23139	5.14088	1560.06	306.2735	0.45931	1866.793	12110.23
	10	4	0.549	170.2893	7.47136	0.23784	10.81839	842.5166	49.19052	0.66186	892.369	2712.229
	11	4	0.2925	434.3323	3.4175	0.41835	7.07	1091.881	164.5127	0.62908	1257.023	6872.781
	12	4	0.28286	474.3863	9.73183	0.74563	7.779	3108.77	641.9135	1.29586	3751.979	25319.99
Early winter	1	2	0.226	160.5891	3.98085	0.28027	1.19651	1165.073	16.6884	0.18239	1181.943	1786.83
	2	4	0.50267	170.4685	4.59478	0.37558	1.23	486.941	3.62905	0.24052	490.8106	682.0045
	3	8	0.21867	466.5008	3.17634	0.56414	1.15678	103.5593	5.92487	0.23298	109.7171	374.4344
	4	2	0.22467	168.3313	8.65651	0.40742	1.50368	1153.801	28.99277	0.47624	1183.27	2281.473
	5	2	0.526	465.8057	3.8545	0.46477	1.12577	334.7471	3.44011	0.29412	338.4813	539.3597
	6	2	0.48067	460.3854	9.31477	0.24433	0.99829	340.1407	1.92006	0.20788	342.2686	467.3725
	7	8	0.20467	168.9805	6.73416	0.4514	1.59216	-345.317	29.04235	0.16913	-316.106	692.5223
	8	8	0.48067	168.4314	3.534	0.32722	1.43488	302.8437	6.26874	0.05355	309.166	531.9392
	9	8	0.534	460.5027	8.1678	0.24218	1.5889	161.4853	23.89186	0.18456	185.5618	1028.807
	10	4	0.528	171.8293	8.08268	0.28545	1.85902	499.0522	41.57103	0.25963	540.8828	1989.836
	11	4	0.23333	454.263	4.07285	0.28302	1.33341	596.3416	41.59767	0.07209	638.0114	2032.146
	12	4	0.23867	470.3421	7.18353	0.62813	1.58887	546.2135	163.0302	0.14212	709.3858	6131.592