

Appendix 4B-4: Summary Statistics for Constituent Mass (Second Year) Exported from the North Site During the Marsh Dryout Study

Treatment	Parameter	Interim Phase (5)		Dry Season (2)		Interim Phase (6)		Wet Season (2)		Interim Phase (7)	
		Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)
C-N	ALK	25380.01	2178.72	20091.94	677.77	20667.62	1582.15	24321.31	469.08	21302.85	242.71
D-N	ALK	24844.10	2842.47	12300.99	1585.22	11396.58	723.39	30100.25	2158.81	17060.41	403.87
C-P	ALK	39280.68	3367.20	31278.36	1022.13	28834.08	1686.40	35837.15	397.15	35615.15	314.77
D-P	ALK	41500.24	4431.20	27144.65	379.83	28736.49	1570.13	40852.71	439.62	38710.43	488.06
C-N	CA	6551.56	127.93	6268.13	209.73	6074.95	309.45	7090.72	126.88	6385.75	114.28
D-N	CA	6385.81	354.95	4674.63	611.06	3770.73	191.00	9200.45	854.36	4715.12	111.81
C-P	CA	11996.34	236.53	11256.15	349.87	9915.11	447.29	12393.45	118.09	12454.78	139.09
D-P	CA	12352.85	421.14	10096.56	108.29	10262.69	405.93	14128.61	134.44	13554.86	146.29
C-N	FE	3845.46	282.57	3091.37	185.38	2256.53	123.10	1857.58	45.85	1364.75	35.88
D-N	FE	12077.16	1615.76	4071.61	32.16	3254.84	424.80	4009.49	421.05	1575.09	54.50
C-P	FE	10471.22	856.99	9393.29	131.88	9701.25	406.65	5003.46	297.39	2567.90	114.81
D-P	FE	17331.48	1155.47	6473.45	192.54	6202.47	220.85	9026.88	249.92	5200.48	277.82
C-N	MG	3152.30	95.74	3142.05	154.83	2837.04	224.39	3782.46	47.93	3266.22	55.29
D-N	MG	2766.61	103.11	1799.02	177.07	1855.27	123.02	3979.06	155.86	2953.26	50.70
C-P	MG	3105.08	86.01	3051.09	130.79	2646.81	208.15	3726.86	48.46	3265.62	44.21
D-P	MG	3042.41	111.55	2160.26	10.82	2405.32	155.32	3788.81	44.69	3310.27	49.62
C-N	SO4	7400.23	210.54	8383.34	573.55	6225.15	457.46	9281.84	157.52	8375.79	111.91
D-N	SO4	6639.57	222.11	5733.74	638.90	5126.82	220.12	9913.47	458.34	7062.13	138.37
C-P	SO4	7935.65	182.09	7999.92	442.31	6086.91	528.13	9584.22	125.62	8887.25	145.13
D-P	SO4	7492.39	183.51	5421.58	138.96	5505.83	272.53	10838.89	287.17	8764.53	183.18
C-N	TOC	4085.97	133.34	5027.51	142.17	4492.68	294.12	5432.11	83.13	4748.13	66.87
D-N	TOC	4290.14	175.25	No Data	No Data	3975.12	300.22	6096.76	97.21	4646.97	103.24
C-P	TOC	4266.41	155.92	4563.82	124.97	4302.97	317.26	5905.54	76.19	5023.56	130.26
D-P	TOC	4382.28	203.53	No Data	No Data	4228.88	358.42	6676.92	55.34	5323.35	131.93
C-N	TSS	460.48	2.25	1407.83	0.00	555.11	76.02	191.35	13.25	340.55	36.19
D-N	TSS	472.25	5.63	426.33	0.00	459.66	4.90	478.51	71.74	173.43	11.57
C-P	TSS	466.80	2.39	567.92	21.21	558.45	56.32	199.46	12.15	193.59	9.11
D-P	TSS	482.42	8.21	455.13	11.52	456.57	183.99	193.99	8.12	159.50	3.14

Treatment	Parameter	Interim Phase (5)		Dry Season (2)		Interim Phase (6)		Wet Season (2)		Interim Phase (7)	
		Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)	Mean mg day ⁻¹	SE (+/-)
C-N	CL	18016.13	939.36	18260.28	1178.85	15893.98	1466.18	20044.74	980.87	24811.21	1223.62
D-N	CL	17883.67	839.18	10352.48	226.64	14443.91	1264.85	19702.59	1218.88	23097.15	970.03
C-P	CL	18912.92	875.82	17614.29	1106.81	14777.87	1356.38	19523.87	1243.35	26145.93	1050.56
D-P	CL	18808.29	786.69	11847.50	197.93	14604.64	1218.50	17433.59	2330.95	24879.93	908.46
C-N	TP	2.637	0.109	5.138	0.352	4.751	0.149	4.778	0.278	3.199	0.172
D-N	TP	3.518	0.191	14.975	2.606	3.291	0.216	12.570	2.333	2.227	0.093
C-P	TP	3.241	0.154	4.888	0.552	6.093	0.833	3.582	0.336	2.453	0.083
D-P	TP	5.017	0.263	17.986	2.648	5.646	0.257	12.075	2.230	3.150	0.135
C-N	TDP	1.603	0.638	2.224	0.080	2.123	0.041	2.330	0.069	1.768	0.074
D-N	TDP	2.098	0.078	9.163	1.887	2.045	0.039	5.296	1.303	1.515	0.053
C-P	TDP	1.791	0.070	2.659	0.103	2.994	0.269	2.354	0.216	1.789	0.048
D-P	TDP	3.293	0.164	15.338	2.203	4.792	0.260	8.702	1.485	2.477	0.117
C-N	SRP	0.756	0.026	1.240	2.086	0.963	0.081	1.208	0.119	0.803	0.038
D-N	SRP	0.907	0.050	6.293	0.120	1.003	0.067	4.068	1.355	0.754	0.045
C-P	SRP	0.923	0.044	1.675	2.365	1.898	0.175	1.712	0.224	0.948	0.069
D-P	SRP	1.635	0.100	13.126	0.957	2.586	0.238	7.255	1.329	1.254	0.143
C-N	TKN	210.04	12.80	309.67	16.91	293.81	21.87	358.83	13.34	287.75	5.55
D-N	TKN	230.30	10.91	303.81	22.63	283.60	16.14	469.22	37.72	258.87	7.51
C-P	TKN	212.45	11.24	254.18	14.53	244.55	17.66	296.81	16.94	258.77	6.84
D-P	TKN	225.08	10.98	225.02	5.32	254.31	16.78	355.07	51.25	274.96	8.39
C-N	NH4	1.973	0.149	4.029	0.301	4.130	0.516	10.125	1.722	2.445	0.207
D-N	NH4	2.075	0.155	3.917	0.787	2.899	0.254	36.706	16.321	1.991	0.128
C-P	NH4	1.942	0.122	2.281	0.132	1.746	0.147	2.379	0.399	1.727	0.107
D-P	NH4	2.070	0.117	3.507	0.456	1.911	0.162	19.190	11.585	1.919	0.142
C-N	NO2	0.630	0.016	0.622	0.005	0.604	0.006	1.619	0.333	0.620	0.005
D-N	NO2	0.612	0.004	0.602	0.012	0.604	0.006	7.18	2.568	0.601	0.006

C-P	NO2	0.642	0.014	0.611	0.005	0.599	0.005	0.722	0.104	0.609	0.006
D-P	NO2	0.638	0.019	0.638	0.032	0.622	0.011	4.648	2.348	0.608	0.009
C-N	NOX	0.890	0.133	0.835	0.070	0.765	0.053	8.666	3.157	0.902	0.119
D-N	NOX	0.969	0.101	0.672	0.063	0.620	0.014	69.272	31.320	0.679	0.030
C-P	NOX	1.658	0.266	0.783	0.042	0.712	0.045	1.878	0.995	0.803	0.055
D-P	NOX	2.069	0.276	0.971	0.220	0.750	0.052	53.407	32.330	1.084	0.109