

Appendix 4B-3: Summary Statistics for Outflow Water Quality (Second Year) at 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 L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)
C-N	ALK	144.39	9.53	130.96	12.26	131.75	40.95	170.03	1.17	138.31	4.26
D-N	ALK	133.95	13.23	98.19	0.00	73.88	20.69	2.28	0.00	186.36	27.01
C-P	ALK	219.38	16.48	210.61	21.34	182.52	40.62	242.13	3.83	236.42	4.58
D-P	ALK	229.74	19.35	186.10	0.00	194.95	36.85	260.83	0.00	261.79	5.65
C-N	CA	42.88	2.77	40.60	4.09	39.86	8.14	48.61	4.08	41.00	1.72
D-N	CA	39.86	4.44	37.37	0.00	23.01	3.02	73.40	0.00	48.27	6.67
C-P	CA	77.39	5.13	75.35	7.51	62.78	9.43	84.54	0.48	82.20	1.42
D-P	CA	81.87	7.02	69.01	0.00	68.55	9.11	93.13	0.00	91.19	0.83
C-N	FE	25.77	5.03	19.00	4.79	15.16	3.67	14.00	0.74	9.14	0.78
D-N	FE	68.72	26.98	28.78	0.00	18.29	9.61	32.85	0.00	10.92	1.22
C-P	FE	66.52	16.63	59.31	2.61	71.00	3.69	34.94	4.42	17.67	2.32
D-P	FE	108.13	19.98	49.03	0.00	40.49	4.89	63.04	0.00	36.53	4.50
C-N	MG	20.54	1.85	20.35	3.37	17.65	4.75	25.68	0.44	21.40	0.68
D-N	MG	19.00	1.72	13.91	0.00	12.37	3.44	27.63	0.00	25.53	2.17
C-P	MG	19.90	1.83	20.42	2.91	15.98	4.01	25.61	1.07	21.76	0.73
D-P	MG	20.05	1.92	14.68	0.00	16.52	3.56	25.27	0.00	22.39	0.58
C-N	SO4	47.72	4.21	53.66	11.97	37.74	7.37	63.57	1.07	55.15	1.88
D-N	SO4	43.81	3.78	44.93	0.00	32.47	5.75	70.15	0.00	48.57	2.76
C-P	SO4	50.10	3.68	53.65	10.03	36.33	10.64	65.68	2.80	59.61	2.79
D-P	SO4	49.72	3.38	37.57	0.00	36.81	6.45	75.44	0.00	59.67	2.19
C-N	TOC	26.65	2.56	31.41	4.19	27.10	7.47	36.14	2.95	31.24	1.49
D-N	TOC	28.46	2.84	28.66	0.00	25.90	5.96	39.41	0.00	31.76	2.01
C-P	TOC	27.65	3.18	29.67	3.85	25.67	7.22	40.05	1.49	33.43	2.26
D-P	TOC	29.31	3.36	28.47	0.00	27.90	6.42	43.43	0.00	36.14	2.36
C-N	TSS	3.00	0.00	8.00	2.71	3.50	0.50	1.17	0.17	2.24	0.62
D-N	TSS	3.07	0.07	3.00	0.00	3.00	0.00	4.33	0.00	1.23	0.23
C-P	TSS	3.00	0.00	3.56	0.40	4.17	1.17	1.33	0.17	1.23	0.13
D-P	TSS	3.13	0.133	3.00	0.00	3.00	0.00	1.33	0.00	1.07	0.07

Treatment	Parameter	Interim Phase (5)		Dry Season (2)		Interim Phase (6)		Wet Season (2)		Interim Phase (7)	
		Mean mg L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)	Mean mg L ⁻¹	SE (+/-)
C-N	CL	117.5	6.08	117.7	7.09	105.5	9.89	132.7	6.46	160.3	6.83
D-N	CL	117.2	5.68	107.9	12.3	96.16	9.15	118.8	7.97	152.9	4.86
C-P	CL	121.7	5.64	116.0	7.23	98.64	9.24	131.6	7.98	172.7	7.22
D-P	CL	123.3	5.39	73.92	1.97	95.73	7.86	115.6	15.8	167.1	4.99
C-N	TP	0.017	0.001	0.033	0.002	0.031	0.001	0.029	0.001	0.022	0.001
D-N	TP	0.023	0.001	0.100	0.018	0.022	0.002	0.079	0.015	0.015	0.001
C-P	TP	0.021	0.001	0.032	0.004	0.041	0.005	0.024	0.002	0.016	0.001
D-P	TP	0.033	0.001	0.116	0.017	0.037	0.002	0.081	0.013	0.021	0.001
C-N	TDP	0.010	0.000	0.014	0.001	0.014	0.000	0.015	0.000	0.012	0.001
D-N	TDP	0.014	0.001	0.062	0.013	0.014	0.000	0.024	0.008	0.010	0.000
C-P	TDP	0.011	0.000	0.017	0.001	0.020	0.002	0.016	0.001	0.012	0.000
D-P	TDP	0.021	0.001	0.099	0.014	0.032	0.002	0.060	0.009	0.017	0.001
C-N	SRP	0.005	0.000	0.008	0.001	0.006	0.001	0.008	0.001	0.005	0.000
D-N	SRP	0.006	0.000	0.043	0.014	0.007	0.000	0.026	0.009	0.005	0.000
C-P	SRP	0.006	0.000	0.011	0.001	0.013	0.001	0.012	0.002	0.006	0.001
D-P	SRP	0.011	0.001	0.085	0.015	0.017	0.002	0.049	0.009	0.008	0.001
C-N	TKN	1.37	0.08	2.00	0.10	1.95	0.15	2.40	0.09	1.87	0.05
D-N	TKN	1.51	0.07	1.95	0.10	1.89	0.12	2.99	0.23	1.74	0.05
C-P	TKN	1.37	0.08	1.68	0.10	1.63	0.12	2.00	0.11	1.71	0.05
D-P	TKN	1.48	0.08	1.48	0.03	1.67	0.11	2.36	0.35	1.85	0.05
C-N	NH4	0.01	0.00	0.03	0.00	0.03	0.00	0.087	0.020	0.016	0.001
D-N	NH4	0.01	0.00	0.07	0.03	0.02	0.00	0.232	0.103	0.013	0.001
C-P	NH4	0.01	0.00	0.02	0.00	0.01	0.00	0.016	0.002	0.011	0.001
D-P	NH4	0.01	0.00	0.04	0.01	0.01	0.00	0.129	0.078	0.013	0.001
C-N	NO2	0.005	0.000	0.004	0.000	0.004	0.000	0.011	0.002	0.004	0.000
D-N	NO2	0.004	0.000	0.017	0.009	0.004	0.000	0.040	0.016	0.004	0.000

C-P	NO2	0.004	0.000	0.004	0.000	0.004	0.000	0.005	0.001	0.004	0.000
D-P	NO2	0.004	0.000	0.009	0.003	0.004	0.000	0.034	0.016	0.004	0.000
C-N	NOX	0.01	0.00	0.01	0.00	0.01	0.00	0.06	0.02	0.01	0.00
D-N	NOX	0.01	0.00	0.24	0.13	0.00	0.00	0.44	0.20	0.01	0.00
C-P	NOX	0.01	0.00	0.01	0.00	0.01	0.00	0.01	0.01	0.01	0.00
D-P	NOX	0.01	0.00	0.18	0.09	0.01	0.00	0.36	0.22	0.01	0.00