

# **Appendix 4-6: Water Year 2004 Diel Data for STA-2**

Nenad Iricanin

**Table 1.** Statistical summary of diel parameters at the outflow stations from Stormwater Treatment Area 2 (STA-2) and marsh stations in the Water Conservation Area 2 (WCA-2) for each deployment period.

Period	Location	Station	Temperature (°C)						Specific Conductivity (µmhos/cm)						Water pH					Dissolved Oxygen (mg/L)							
			No. of Samples	Mean	Minimum	Median	Maximum	Standard Deviation	No. of Samples	Mean	Minimum	Median	Maximum	Standard Deviation	No. of Samples	Mean	Minimum	Median	Maximum	Standard Deviation	No. of Samples	Mean	Minimum	Median	Maximum	Standard Deviation	
06/02/2003 - 06/06/2003	Transect C	C.25	179	29.6	27.92	29.47	31.93	0.97	179	783.5	730	804	812	29.2	179	7.91	7.82	7.92	8.07	0.05	179	2.36	1.04	2.37	4.63	0.73	
		C1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		C4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
	Transect N	N.25	179	29.34	28.02	29.12	33.10	0.99	179	850.8	808	859	866	15.4	179	7.77	7.60	7.78	7.99	0.09	179	5.21	3.47	5.03	7.96	1.13	
		N1	197	29.77	27.93	29.60	33.12	1.16	197	834.4	803	847	855	19.9	197	8.35	8.12	8.31	8.67	0.15	197	2.80	0.85	2.75	5.61	1.21	
		N4	197	28.91	26.65	28.70	32.77	1.55	197	732.9	669	746	771	32.8	197	7.35	7.30	7.34	7.43	0.03	197	2.82	1.86	2.76	4.48	0.65	
	Transect Z	Z.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		Z1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		Z2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		Z4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
	08/25/2003 - 08/28/2003	Outflow	G335	138	29.72	28.59	29.71	30.82	0.65	138	1,445.4	1412	1436	1522	22.6	138	7.66	7.58	7.65	7.73	0.05	138	4.81	2.77	4.87	6.60	1.14
	10/01/2003 - 10/25/2003	Transect C	C.25	181	24.55	23.55	24.54	25.59	0.53	181	1,315.5	1309	1316	1323	3.7	181	7.50	7.43	7.50	7.59	0.04	181	1.01	0.73	0.89	1.99	0.29
C1			181	23.64	22.29	23.60	25.03	0.74	181	1,314.0	1308	1314	1319	2.1	181	7.33	7.22	7.34	7.45	0.04	181	2.26	1.65	2.16	3.79	0.41	
C4			----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
Transect N		N.25	180	25.07	22.90	24.91	27.66	1.34	180	1,268.3	1260	1268	1281	3.7	180	7.77	7.56	7.74	8.08	0.14	180	2.86	1.27	2.66	5.24	0.98	
		N1	180	24.02	22.67	23.96	25.45	0.76	227	1,172.4	634	1141	1480	86.9	180	7.46	7.39	7.47	7.59	0.04	180	1.77	0.69	1.62	3.53	0.75	
		N4	180	22.97	21.16	22.88	24.68	1.00	180	1,188.8	1184	1189	1194	2.5	180	7.45	7.38	7.45	7.49	0.02	180	2.68	1.85	2.65	3.35	0.31	
Transect Z		S4	181	24.77	23.56	24.83	25.74	0.61	226	1,082.8	1033	1062	1260	56.4	181	7.19	7.14	7.19	7.25	0.02	181	1.41	0.71	1.31	2.89	0.52	
		Z.5	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		Z1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		Z2	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
12/15/2003 - 12/18/2003		Outflow	G335	140	18.33	17.05	18.40	19.58	0.41	140	1,316.6	1284	1313	1358	21.5	140	7.65	7.46	7.63	7.82	0.08	140	6.65	5.36	6.46	8.19	0.76

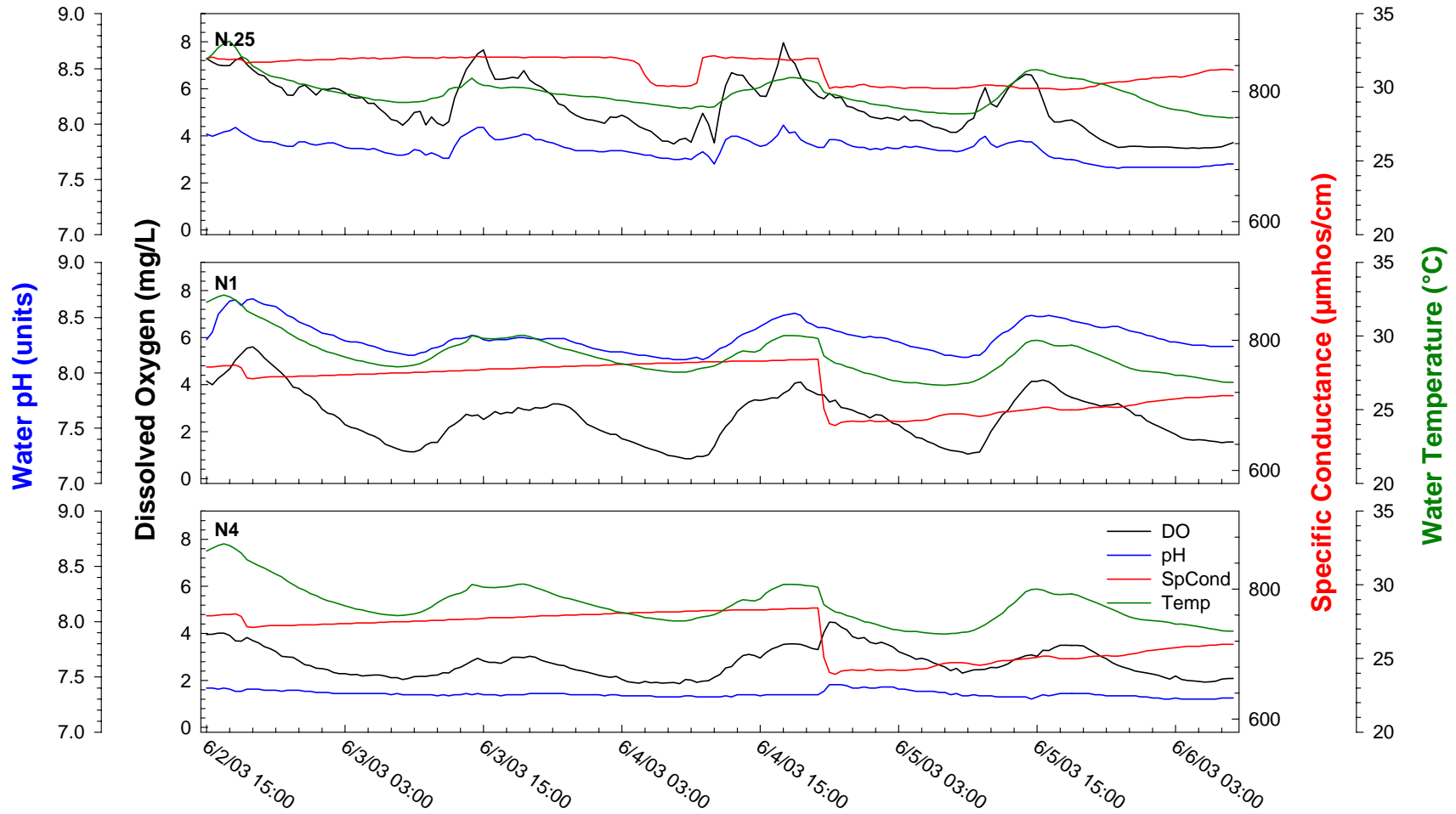


Figure 1. Diel measurements at Transect N marsh sites, June 2–6, 2003.

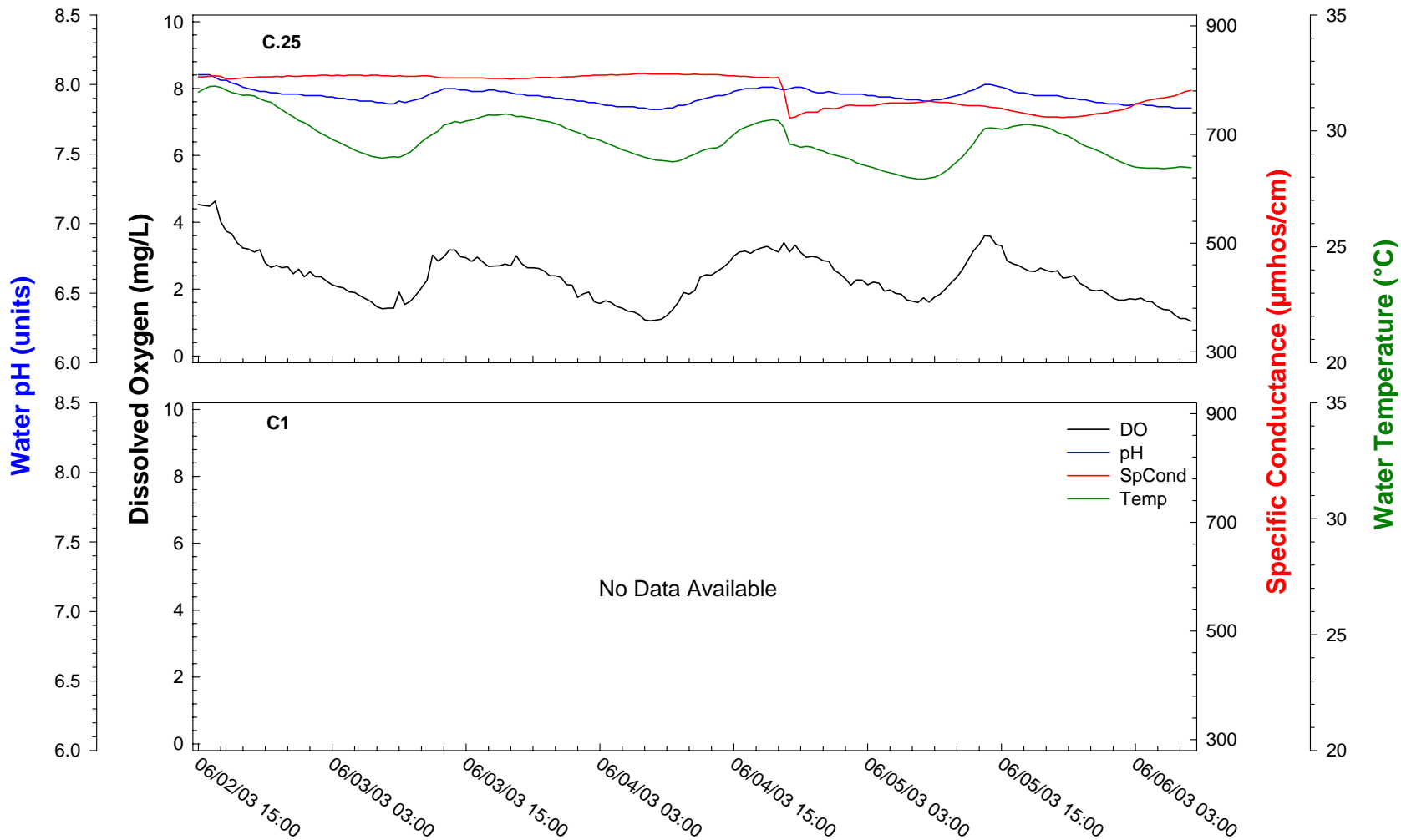


Figure 2. Diel measurements at Transect C marsh sites, June 2–6, 2003.

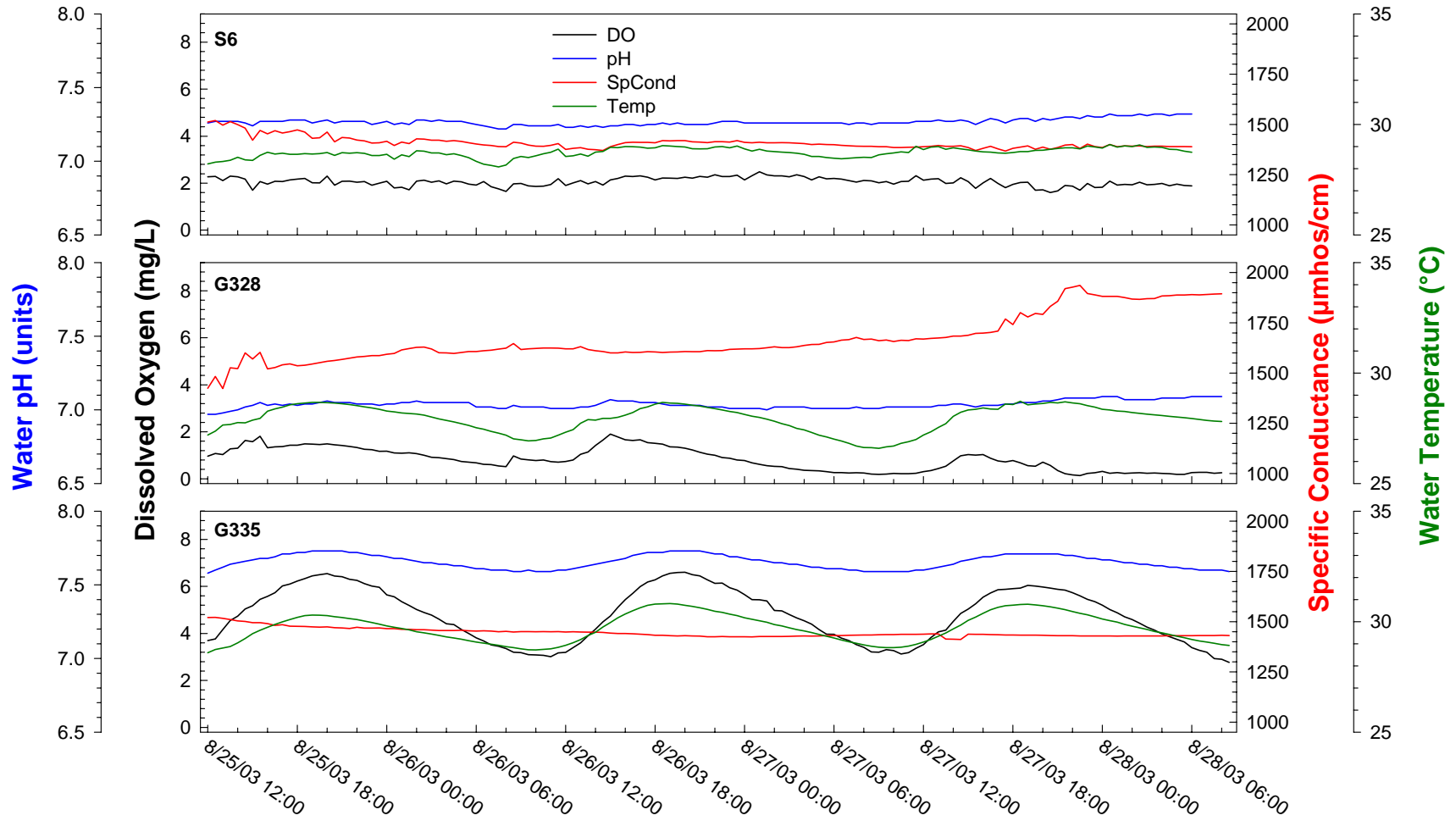


Figure 3. Diel measurements at STA-2 structures, August 25–28, 2003.

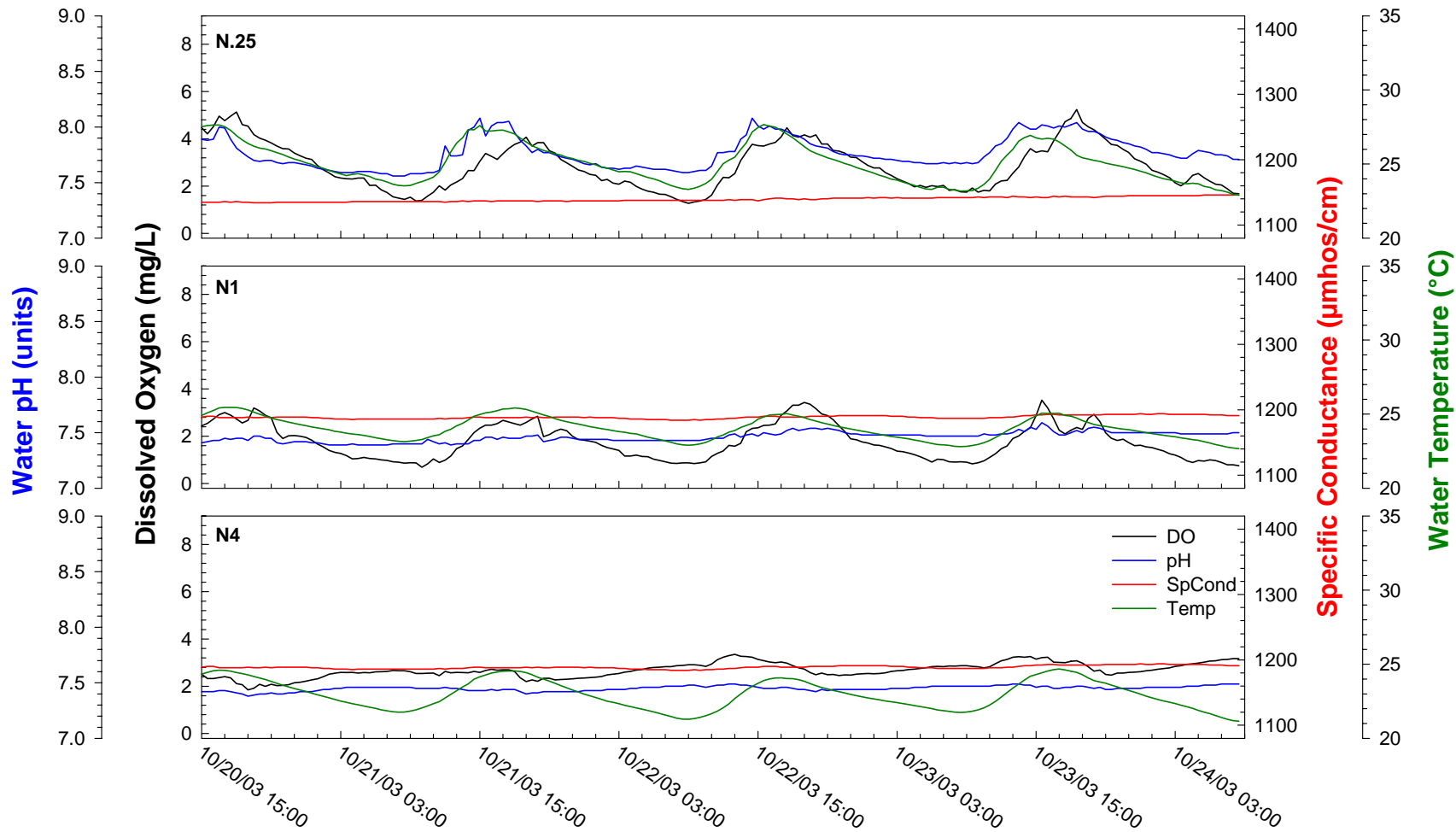


Figure 4. Diel measurements at Transect N marsh sites, November 20–24, 2003.

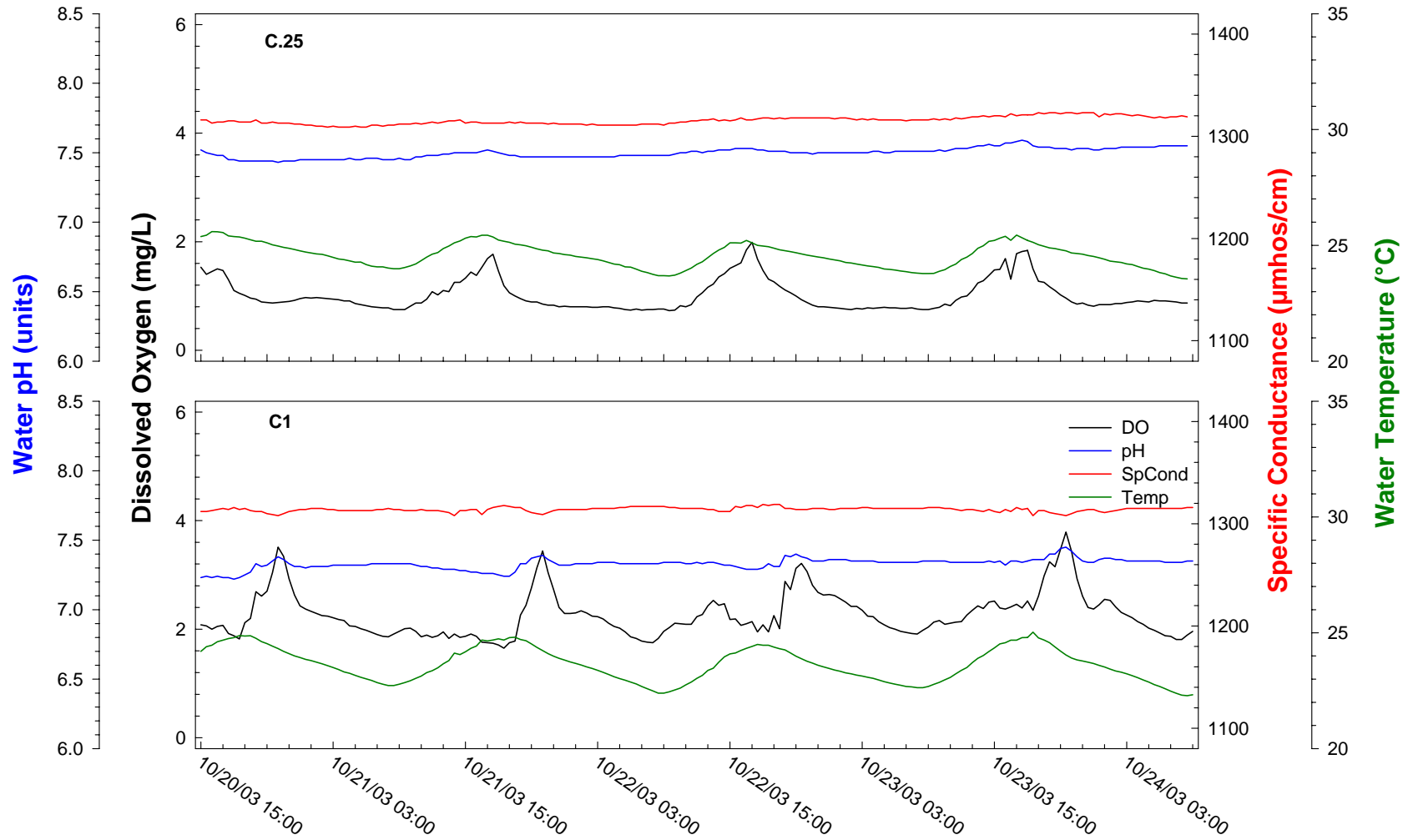
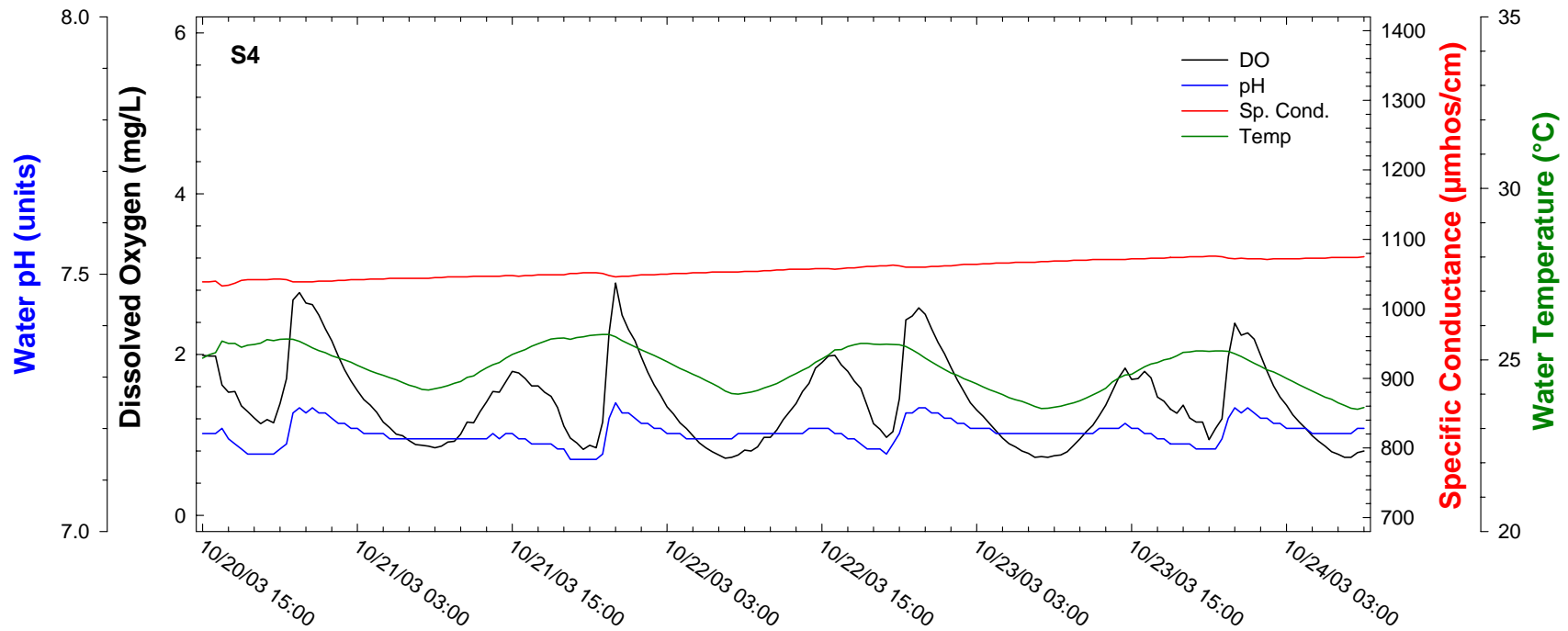


Figure 5. Diel measurements at Transect C marsh sites, October 20–24, 2003.



**Figure 6.** Diel measurements at Transect S marsh site, November 20–24, 2003.



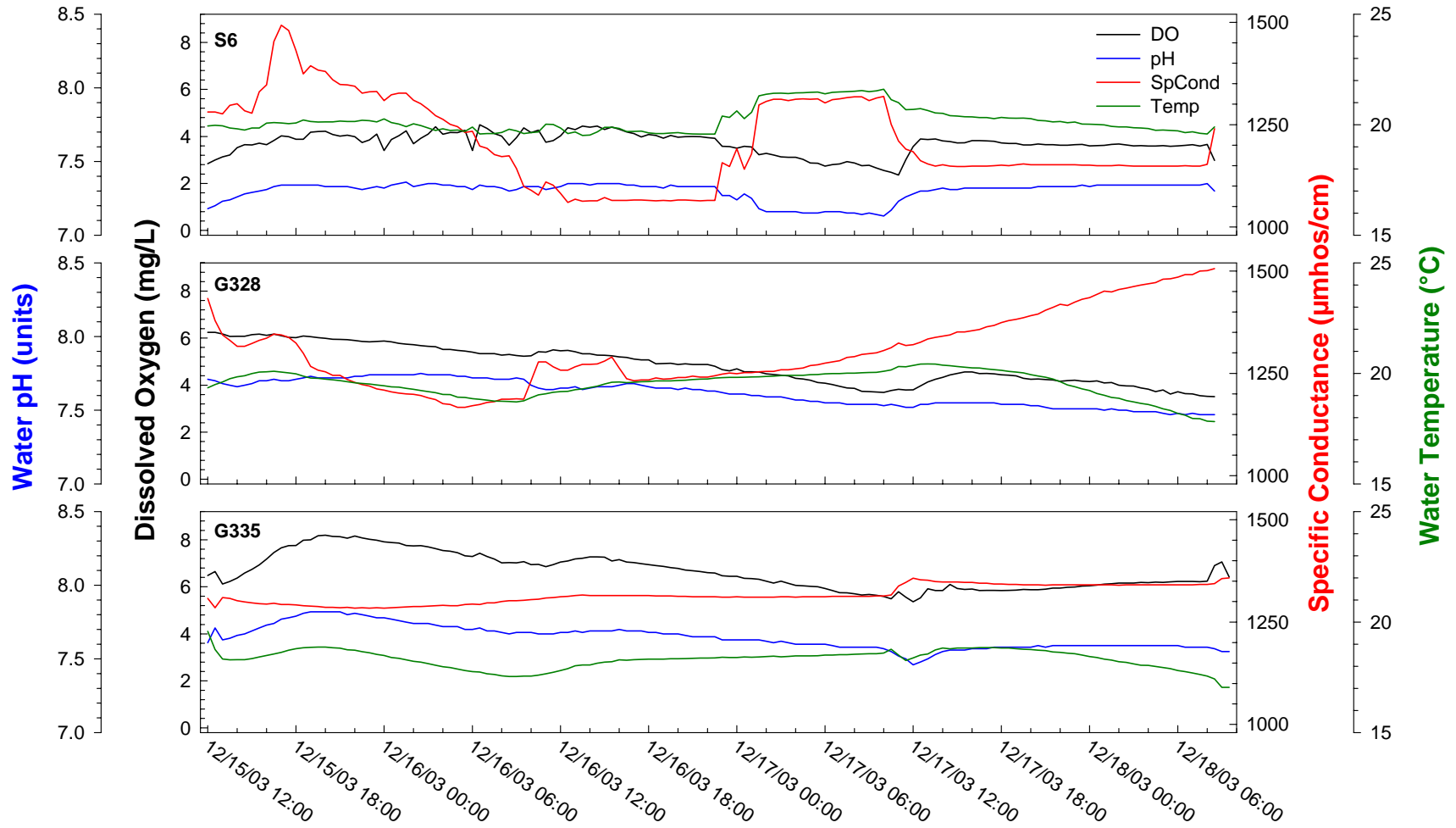


Figure 7. Diel measurements at STA-2 structures, December 15–18, 2003.