

Appendix 4-9: Water Year 2004 Diel Data for STA-5

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Table 1. Statistical summary of diel parameters at the outflow stations from STA-5 stations in the Miami Canal 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	
09/02/2003 - 09/04/2003	Outflow	STA5DC	92	27.96	26.65	27.82	29.40	0.84	92	491.3	454	493	527	16.2	92	7.24	7.18	7.23	7.35	0.04	92	1.68	0.27	1.36	3.92	1.09	
		G344D	92	27.73	26.99	27.73	28.47	0.43	92	497.6	493	498	504	3.2	92	7.19	7.16	7.19	7.24	0.02	92	0.61	0.22	0.49	1.54	0.35	
	Canal	NMC	91	29.55	29.24	29.55	30.07	0.19	91	772.9	692	767	877	49.2	91	7.28	7.21	7.29	7.37	0.05	91	4.28	3.34	4.26	5.23	0.48	
		SMC	91	28.99	28.20	28.96	29.88	0.37	91	691.8	553	689	849	63.6	91	7.28	7.20	7.29	7.39	0.05	91	3.08	1.31	3.24	4.77	0.97	
	Transect N	N.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		N1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		N4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
	Transect S	S.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		S1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		S4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
	12/01/2003 - 12/04/2003	Outflow	STA5DC	138	20.89	20.53	20.89	21.41	0.21	138	1,014.9	902	978	1205	93.1	138	7.48	7.35	7.49	7.61	0.08	138	2.79	1.94	2.67	3.80	0.53
			G344D	140	21.47	20.74	21.51	22.14	0.33	140	753.6	709	756	784	19.4	140	6.93	6.88	6.92	7.03	0.03	140	2.49	1.51	2.48	3.37	0.48
Canal		NMC	141	20.34	19.82	20.27	21.06	0.34	141	565.9	474	502	743	102.9	141	8.01	7.82	8.01	8.08	0.05	141	7.75	6.73	7.94	8.25	0.41	
		SMC	140	20.35	19.79	20.32	20.99	0.33	140	591.1	478	528	741	99.9	140	7.96	7.74	7.97	8.07	0.07	140	6.87	5.17	7.08	7.57	0.53	
Transect N		N.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		N1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		N4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
Transect S		S.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		S1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		S4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
03/08/2004 - 03/11/2004		Outflow	STA5DC	137	19.61	18.20	19.56	21.36	0.59	137	819.8	642	885	999	109.5	137	7.43	7.04	7.44	7.55	0.08	137	2.62	1.68	2.56	4.18	0.52
			G344D	137	20.55	19.34	20.40	22.98	0.84	137	834.8	570	853	904	54.8	137	7.28	7.17	7.26	7.44	0.06	137	2.89	0.69	2.71	5.57	1.16
	Canal	NMC	137	21.29	19.72	21.19	22.24	0.69	137	612.6	423	446	1116	270.2	137	7.92	7.77	7.88	8.18	0.10	137	7.51	6.25	7.54	8.16	0.36	
		SMC	138	21.26	19.70	21.14	22.41	0.69	138	606.3	421	448	1107	251.6	138	7.78	7.59	7.76	8.09	0.10	138	6.92	4.89	7.03	7.85	0.55	
	Transect N	N.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		N1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		N4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
	Transect S	S.25	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		S1	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	
		S4	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	

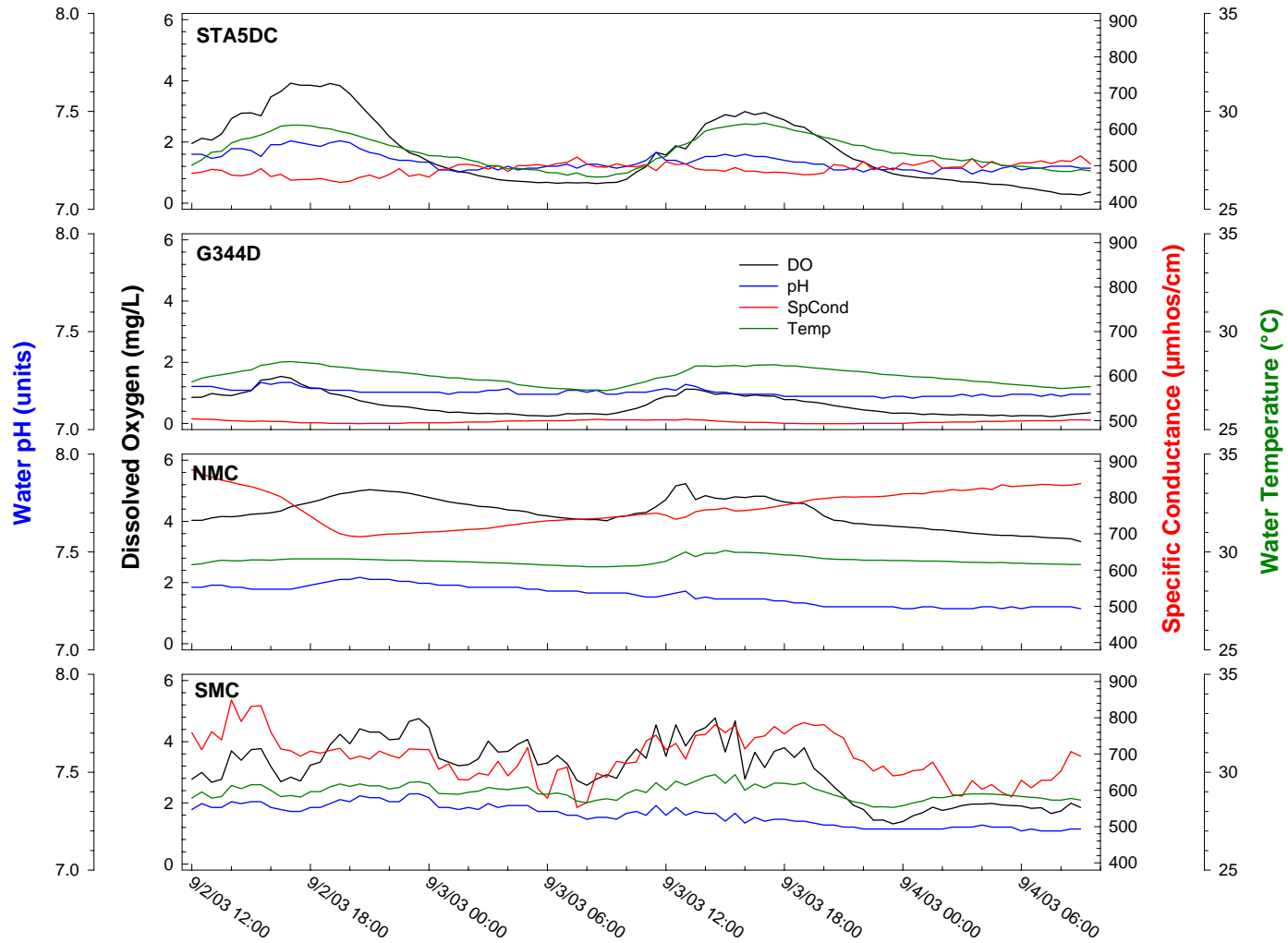


Figure 1. Diel measurements at outflows from STA-5 and reference stations in the Miami Canal, September 2–4, 2003.

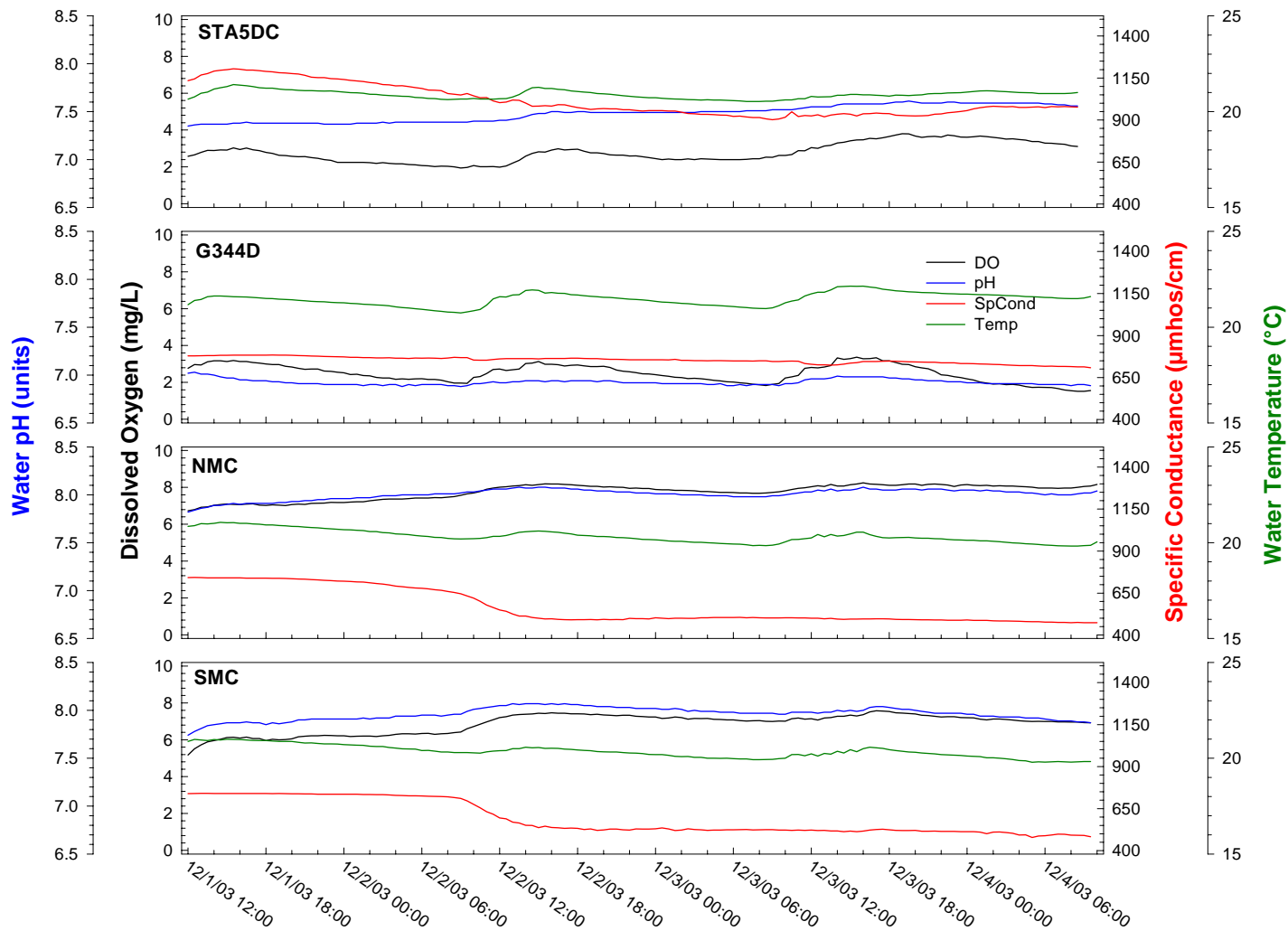


Figure 2. Diel measurements at outflows from STA-5 and reference stations in the Miami Canal, December 1–4, 2003.

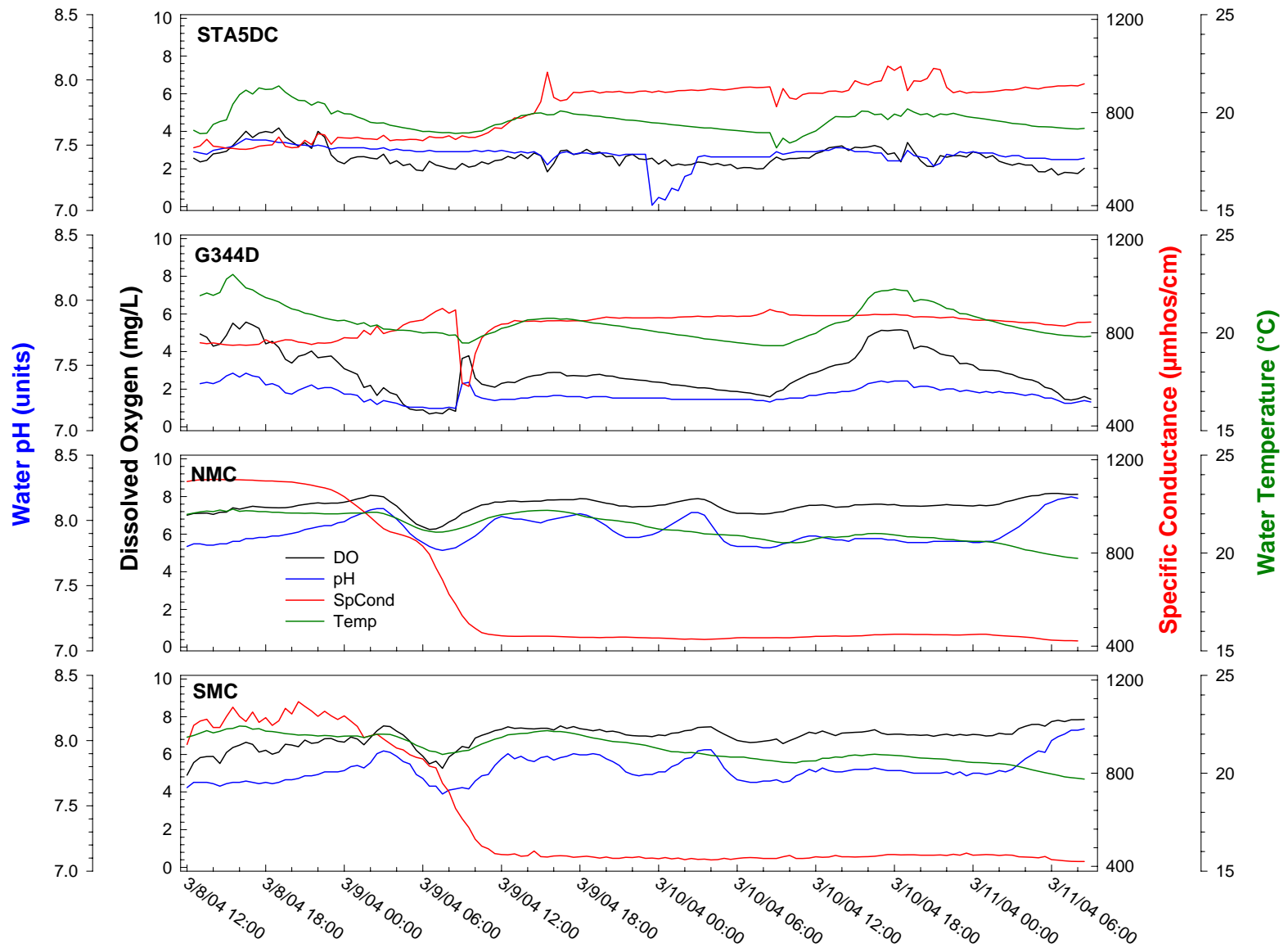


Figure 3. Diel measurements at outflows from STA-5 and reference stations in the Miami Canal, March 8–11, 2004.