

# **Appendix 4B-7: STA-6 Water Quality Summary Statistics, Water Year 2003**

**Table 1.** Geometric means and standard errors for water quality parameters monitored at Stormwater Treatment Area 6 (STA-6) sampling stations during WY2003.

	Sampling Stations					
	G600		G354C		G393B	
	Mean	SE	Mean	SE	Mean	SE
TP (µg/L)	61	9	19	3	28	4
SRP (µg/L)	16	4	5	4	8	2
TDP (µg/L)	15	1	7	< 1	8	< 1
PP (µg/L)	46	8	12	3	20	4
TKN (mg/L)	1.761	0.034	1.489	0.036	1.401	0.030
NH <sub>4</sub> -N (mg/L)	0.244	0.026	0.034	0.004	0.017	0.004
NO <sub>x</sub> -N (mg/L)	0.129	0.019	0.006	0.001	0.007	0.001
TN (mg/L)	1.890	0.053	1.495	0.037	1.408	0.031
TON (mg/L)	1.517	0.009	1.455	0.032	1.385	0.026
Ca (mg/L)	108.3	5.3	93.6	6.0	102.3	3.1
Alkalinity (mg CaCO <sub>3</sub> /L)	288	11	249	10	272	8
Cl (mg/L)	95.1	4.4	97.3	4.0	96.3	3.9
DO (mg/L)	3.20	0.26	2.88	0.24	2.07	0.19
Color (Pt)	74	3	70	4	80	4
pH	7.3	< 0.1	7.4	< 0.1	7.3	< 0.1

Notes:

TP = total phosphorus; SRP = soluble reactive phosphorus; TDP = total dissolved phosphorus; PP = particulate phosphorus; TKN = total Kjeldahl nitrogen; NH<sub>4</sub>-N = ammonia nitrogen; NO<sub>x</sub>-N = nitrite+nitrate nitrogen; TN = total nitrogen; TON = total organic nitrogen; Ca = calcium; and Cl = chloride; DO = dissolved oxygen.