

Table 11. Mean concentrations of water quality parameters in selected marsh, canal and lake sites, 1995-1999.

Parameter	Inflow from		SJMCA Canals	SJMCA Marsh	TFMCA		Lake Hell 'n Blazes	Sawgrass Lake
	BCMCA	SJWMA			Southern Sect.	Middle Sect.		
Water Temp. (°C)	25.1	24.2	23.4	21.8	24.1	23.7	23.5	23.3
Turbidity (NTU)	3.6	5.0	3.7	5.7	6.9	2.3	3.6	1.9
Conductivity (umhos/cm)	190	704	466	307	468	402	404	364
Dissolved Oxygen (mg/l)	4.6	6.6	2.8	2.2	5.6	3.6	3.4	3.6
PH	6.7	7.9	6.7	6.6	7.4	6.7	6.8	7.0
Color (cpu)	205	100	188	177	110	167	196	188
Total Organic Carbon (mg/l)	22.9	22.5	24.7	24.6	31.8	36.6	26.8	27.2
Suspended Solids (mg/l)	7.8	8.1	9.2	13.3	24.0	5.6	7.7	4.4
Chloride (mg/l)	30	110	87	47	62	75	66	61
Sulfate (mg/l)	4.7	58.9	17.7	10.8	4.0	2.4	19.4	18.3
Alkalinity (mg/l)	33.2	115.1	70.1	56.6	129.7	65.7	66.7	61.4
Hardness (mg/l)	55	213	126	103	162	111	116	104
Magnesium (mg/l)	3.3	13.5	8.7	6.3	8.9	6.2	7.3	6.6
Calcium (mg/l)	16.4	63.0	35.9	26.2	50.1	34.8	34.3	30.8
Potassium (mg/l)	1.9	7.5	4.1	3.6	6.0	10.6	3.9	3.6
Sodium (mg/l)	15.2	52.0	40.2	23.5	29.6	28.2	29.6	27.7
Iron (ug/l)	282	118	340	260	231	215	276	191
Lead (ug/l)	0.110	0.174	0.280	0.112	0.385	0.203	0.428	0.215
Orthophosphate - Total (mg/l)	0.058	0.054	0.121	0.079	0.453	0.065	0.113	0.096
Total Phosphorus - Total (mg/l)	0.112	0.128	0.187	0.133	0.610	0.121	0.179	0.146
Ammonium - Total (mg/l)	0.04	0.06	0.10	0.04	0.13	0.10	0.09	0.08
Nitrate & Nitrite - Total (mg/l)	0.04	0.07	0.04	0.01	0.04	0.02	0.04	0.03
Total Kjeldahl Nitrogen - T (mg/l)	1.3	2.2	1.9	1.8	2.9	2.6	1.9	1.7
Chlorophyll-a (ug/l)	12.6	32.2	8.2	32.1	32.3	13.5	14.1	10.7