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CORRECTION

Correction to: The use of multivariate statistical methods for optimization of the surface water quality network monitoring in the Paraopeba river basin, Brazil

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Unfortunately, the original version of this article was published online with error. The Tables 3 and 4 data was mixed up.

The corrected Tables 3 and 4 are shown in the next page. The original article has been corrected.

The online version of the original article can be found at https://doi.org/10.1007/s10661-018-6873-2

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Table 3 Surface water quality standards set in Normative Deliberation COPAM/CERH-MG 01/2008

Parameter	Unit	Class		
		1	2	3
Biochemical oxygen demand	mg. L^{-1} O_2	3	5	10
Chlorophyll-a	μg. L^{-1}	10	30	60
Density of cyanobacteria	cel.mL^{-1}	20000	50000	100000
Dissolved copper	mg. L^{-1} Cu	0.009	0.009	0.013
Dissolved iron	mg. L^{-1} Fe	0.3	0.3	5.0
Dissolved oxygen	mg. L^{-1} O_2	6	5	4
Free cyanide	mg. L^{-1} CN	0.005	0.005	0.022
Nitrate	mg. L^{-1} N	10.0	10.0	10.0
Nitrite	mg. L^{-1} N	1	1	1
Oils and greases		0	0	0
pH		6 to 9	6 to 9	6 to 9
Total Ammoniacal Nitrogen pH ≤7.5	mg. L^{-1} N	3.7	3.7	13.3
T. Ammoniacal Nitrogen 7.5<pH<8.0	mg. L^{-1} N	2	2	5.6
T. Ammoniacal Nitrogen 8.0<pH<8.5	mg. L^{-1} N	1	1	2.2
T. Ammoniacal Nitrogen pH≥8.5	mg. L^{-1} N	0.5	0.5	1
Thermotolerant coliforms	org.100 mL^{-1}	200	1000	4000
Total arsenic	mg. L^{-1} As	0.01	0.01	0.033
Total barium	mg. L^{-1} Ba	0.7	0.7	1.0
Total Boron	mg. L^{-1} B	0.5	0.5	0.75
Total Cadmium	mg. L^{-1} Cd	0.001	0.001	0.01
Total Chloride	mg. L^{-1} Cl	250	250	250
Total chromium	mg. L^{-1} Cr	0.05	0.05	0.05
Total Dissolved Solids	mg. L^{-1}	500	500	500
Total lead	mg. L^{-1} Pb	0.01	0.01	0.033
Total manganese	mg. L^{-1} Mn	0.1	0.1	0.5
Total Nickel	mg. L^{-1} Ni	0.025	0.025	0.025
Total phosphorus	mg. L^{-1} P	0.1	0.1	0.15
Total selenium	mg. L^{-1} Se	0.01	0.01	0.05
Total Suspended Solids	mg. L^{-1}	50	100	100
Total Zinc	mg. L^{-1} Zn	0.18	0.18	5
True color	mgPt.L^{-1}	–	75	75
Turbidity	NTU	40	100	100

Table 4 Number of critical parameters for each of the monitoring sites in the Paraopeba river basin

	Number of critical parameters									
	8	5	4	3	2			1		
Monitoring sites	BP073	BP069	BP098	BP071	BP024	BP066	BP074	BP022	BP082	BP096
		BP084		BP080	BP027	BP068	BP076	BP026	BP088	BP099
				BP086	BP029	BP070	BP079	BP032	BP090	
					BP036	BP072	BP083	BP078	BP092	

Italic and underlined: monitoring sites belong to groups 1 to 6 (cluster analysis)

Upright and underlined: monitoring sites belong to group 7

Upright and no underline: monitoring sites belong to group 8