Supplementary Materials:

Table S1: Descriptive statistics of the chlorine decay constants (k) in ultrapure water sample (control) and water from wells located in Porto Velho.

	Mean	Median	Max.	Min.	n	SD
Control	0.01064	0.00779	0.03199	0.00205	30	0.007
Test	0.04103	0.02073	0.17992	0.00377	30	0.050

SD: standard deviation; Max.: maximum; Min.: minimum.

Table S2: Descriptive statistics of the chlorine decay constants (k) in water samples from tubular and excavated wells located in Porto Velho.

Wells	n	Mean	Median	Max.	Min.	SD
Tubular	15	0.0171	0.0083	0.0551	0.0038	0.0162
Excavated	15	0.0650	0.0282	0.1799	0.0091	0.0610

SD: standard deviation; Max.: maximum; Min.: minimum.

Table S3: Results of the analysis of variance of data on chlorine decay speed in water samples from tubular and excavated wells located in Porto Velho.

Source	DF	SS	MS	F-value	p-value
Туре	1	11.851	11.851	52.5	0.0000001
Concentration	2	20.983	10.492	46.48	0.000000002
Residual	26	5.869	0.226		
Source	DF	SS	QM	F-value	p-value
Intercept	1	0.0632	0.002	107.5	0.000
Concentration	2	0.0463	0.003	52.554	0.000
Source	DF	SS	QM	F-value	p-value
Intercept	1	0.004	0.0006	27.006	0.0065
Concentration	2	0.002	0.0003	33.284	0.0001
	Type Concentration Residual Source Intercept Concentration Source Intercept	Type 1 Concentration 2 Residual 26 Source DF Intercept 1 Concentration 2 Source DF Intercept 1 Intercept 1	Type 1 11.851 Concentration 2 20.983 Residual 26 5.869 Source DF SS Intercept 1 0.0632 Concentration 2 0.0463 Source DF SS Intercept 1 0.004	Type 1 11.851 11.851 Concentration 2 20.983 10.492 Residual 26 5.869 0.226 Source DF SS QM Intercept 1 0.0632 0.002 Concentration 2 0.0463 0.003 Source DF SS QM Intercept 1 0.004 0.0006	Type 1 11.851 11.851 52.5 Concentration 2 20.983 10.492 46.48 Residual 26 5.869 0.226 Source DF SS QM F-value Intercept 1 0.0632 0.002 107.5 Concentration 2 0.0463 0.003 52.554 Source DF SS QM F-value Intercept 1 0.004 0.0006 27.006

DF: degrees of freedom; SS: sum of squares; MS: medium squares.