



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado

3º TRIMESTRE 2020
01 de JUL A 30 de SET

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	18	18	100%
Bactérias coliformes (N/100 ml)	0	0	2	2	89%	18	18	100%
Desinfetante residual (mg/L)	---	0,06	0,61	---	---	18	18	100%
Alumínio (µg/L Al)	200	<20	88	0	100%	5	5	100%
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	20	---	---	8	8	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	8	---	---	8	8	100%
Condutividade (µS/cm a 20°C)	2500	144	862	0	100%	8	8	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5	<5	0	100%	8	8	100%
pH (Unidades pH)	≥6,5 e ≤9	7,3	7,8	0	100%	8	8	100%
Ferro (µg/L Fe)	200	<10	85	0	100%	2	2	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	2	2	100%
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	2,6	2,6	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	8	8	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	8	8	100%
Turvação (NTU)	4	<0,3	2,7	0	100%	8	8	100%
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	7,62	7,62	0	100%	1	1	100%
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0	---	---	0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/l ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/l ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0	---	---	0	0	---
Enterococos (N/100 mL)	0	0	0	0	100%	8	8	100%
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0	---	---	0	0	---
Mercurio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloratos (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0	0	0	0	---	0	0	---
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	0	0	---
Tetracloroetano (µg/L)	---	0	0	---	---	0	0	---
Tricloroetano (µg/L)	---	0	0	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0	---	---	0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0	---	---	0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0	---	---	0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0	---	---	0	0	---
Bromofórmio(µg/L)	---	0	0	---	---	0	0	---
Bromodiclorometano(µg/L)	---	0	0	---	---	0	0	---
Dibromoclorometano(µg/L)	---	0	0	---	---	0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10			---	---	---	---	---
Clortolurão (µg/L)	0,10			---	---	---	---	---
Bentazona (µg/L)	0,10			---	---	---	---	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade:	(Bq/l)			---	---	---	---	---
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zonas de abastecimento controladas: Aldeia Velha; Avis/Benavila/Alcórrego; Ervedal; Figueira e Barros; Maranhão; Monte dos Borregos; Pisão; Valongo

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Relativamente ao Edital Nº 1/2020 - 1º Trimestre (01 de jan a 31 de mar), o resultado dos Cloratos na ZA Monte dos Borregos já se encontra em conformidade. Neste Edital estão presentes dois incumprimentos ao Parâmetro Bactérias Coliformes na ZA Pisão e ZA Valongo, contudo estes já se encontram em conformidade. Como medidas correctivas foram efetuadas purgas de água e análises de verificação. Os restantes resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

O Presidente da Câmara:

(Nuno Paulo Augusto da Silva)

14 de outubro de 2020

