



**DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO  
CONCELHO DE SOBRAL DE MONTE AGRÃO**

**PONTO DE ENTREGA DE SMAS DE TORRES VEDRAS - PATAMEIRA DE CIMA**

**1.º TRIMESTRE 2019**  
1 de Janeiro a 31 de Março

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água fornecida através de análises periódicas no Ponto de Entrega aos SMAS de Torres Vedras - Patameira de Cima<sup>1</sup>, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017, de 7 de dezembro	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%	1	1	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
Desinfetante residual (mg/L)	---	0,6	---	---	---	1	1	100%
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	---	---	---	---	---	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	---	---	---	---	---	---
Condutividade (µS/cm a 20°C)	2500	---	---	---	---	---	---	---
Clostridium perfringens (N/100 ml)	0	---	---	---	---	---	---	---
Cor (mg/L PtCo)	20	---	---	---	---	---	---	---
pH (unidades de pH)	≥6,5 e ≤9,5	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	---	---	---
Sabor a 25°C (Factor de diluição)	3	---	---	---	---	---	---	---
Oxidabilidade (mg/L O <sub>2</sub> )	5	---	---	---	---	---	---	---
Enterococos (N/100 mL)	0	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Turbacão (UNT)	4	---	---	---	---	---	---	---
Antimónio <sup>2</sup> (µg/L Sb)	5	< 0,5	0	0	100%	1	1	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	---	---	---
Arsénio <sup>2</sup> (µg/L As)	10	< 0,5	0	0	100%	1	1	100%
Benzeno <sup>2</sup> (µg/L)	1,0	< 0,3	0	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro <sup>2</sup> (mg/L B)	1,0	< 0,02	0	0	100%	1	1	100%
Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )	10	< 10	0	0	100%	1	1	100%
Cádmio <sup>2</sup> (µg/L Cd)	5,0	< 0,5	0	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cianetos <sup>2</sup> (µg/L Cn)	50	< 5	0	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
1,2 - dicloroetano <sup>2</sup> (µg/L)	3,0	< 0,1	0	0	100%	1	1	100%
Dureza total (mg/L CaCO <sub>3</sub> )	---	---	---	---	---	---	---	---
Fluoretos <sup>2</sup> (mg/L F)	1,5	< 0,1	0	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercurio <sup>2</sup> (µg/L Hg)	1,0	< 0,2	0	0	100%	1	1	100%
Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )	50	2,5	0	0	100%	1	1	100%
Nitritos (mg/L NO <sub>2</sub> )	0,5	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Selénio <sup>2</sup> (µg/L Se)	10	< 2	0	0	100%	1	1	100%
Cloretos <sup>2</sup> (mg/L Cl)	250	16,7	0	0	100%	1	1	100%
Sódio <sup>2</sup> (mg/L Na)	200	10,9	0	0	100%	1	1	100%
Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )	250	14,2	0	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Dose indicativa total <sup>2</sup> (mSv/ano)	0,10	< 0,1	0	0	100%	1	1	100%
Actividade alfa total <sup>2</sup> (referida a Am) (Bq/L)	0,1	< 0,025	0	0	100%	1	1	100%
Actividade beta total <sup>2</sup> (referida a K) (Bq/L)	1,0	0,032	0	0	100%	1	1	100%
Radão (Bq/L)	500	---	---	---	---	---	---	---
Soma Tricloroetileno e Tetracloroetileno (µg/L):	10	< 1	0	0	100%	1	1	100%
Tricloroetileno <sup>2</sup> (µg/L)	---	< 1	---	---	---	1	1	100%
Tetracloroetileno <sup>2</sup> (µg/L)	---	< 0,1	---	---	---	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromodlorometano(µg/L)	---	---	---	---	---	---	---	---
Dibromodlorometano(µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total <sup>2</sup> (µg/L)	0,50	< 0,07	0	0	100%	1	1	100%
Alacloro <sup>2</sup> (µg/L)	0,10	< 0,07	0	0	100%	1	1	100%
Atrazina <sup>2</sup> (µg/L)	0,10	< 0,06	0	0	100%	1	1	100%
Bentazona <sup>2</sup> (µg/L)	0,10	< 0,05	0	0	100%	1	1	100%
Clorpirifos <sup>2</sup> (µg/L)	0,10	< 0,05	0	0	100%	1	1	100%
Desetilatrazina <sup>2</sup> (µg/L)	0,10	< 0,035	0	0	100%	1	1	100%
Desetilsimazina <sup>2</sup> (µg/L)	0,10	< 0,07	0	0	100%	1	1	100%
Desetilterbutilazina <sup>2</sup> (µg/L)	0,10	< 0,02	0	0	100%	1	1	100%
Dimetoato <sup>2</sup> (µg/L)	0,10	< 0,025	0	0	100%	1	1	100%
Diurão <sup>2</sup> (µg/L)	0,10	< 0,045	0	0	100%	1	1	100%
Imidaclopride <sup>2</sup> (µg/L)	0,10	< 0,02	0	0	100%	1	1	100%
Isoproturão <sup>2</sup> (µg/L)	0,10	< 0,045	0	0	100%	1	1	100%
Linurão <sup>2</sup> (µg/L)	0,10	< 0,025	0	0	100%	1	1	100%
MCPA <sup>2</sup> (µg/L)	0,10	< 0,05	0	0	100%	1	1	100%
Metalaxil <sup>2</sup> (µg/L)	0,10	< 0,06	0	0	100%	1	1	100%
Metolaclo <sup>2</sup> (µg/L)	0,10	< 0,07	0	0	100%	1	1	100%
Ometoato <sup>2</sup> (µg/L)	0,10	< 0,05	0	0	100%	1	1	100%
Oxamit <sup>2</sup> (µg/L)	0,10	< 0,05	0	0	100%	1	1	100%
Simazina <sup>2</sup> (µg/L)	0,10	< 0,06	0	0	100%	1	1	100%
Terbutilazina <sup>2</sup> (µg/L)	0,10	< 0,07	0	0	100%	1	1	100%

**Nota 1:** Ponto de Entrega controlado PE01 - Ponto de Entrega de SMAS de Torres Vedras - Patameira de Cima [PA01 - Patameira de Cima (Largo Nossa Senhora da Luz)].

**Nota 2:** Parâmetros (conservativos) analisados pela entidade gestora "em Alta": EPAL.

**Nota:** Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Não foram registados incumprimentos neste trimestre.

