



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE S. JOÃO DA PESQUEIRA

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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 da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

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%	6	6	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	6	6	100%
Desinfetante residual (mg/L)	---	0,20	0,50	0	100%	6	6	100%
Alumínio (µg/L Al)	200	45	96	0	100%	3	3	100%
Amónio (mg/L NH ₄)	0,50	---	---	0	---	3	3	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0	0	100%	3	3	100%
Número de colónias a 36 °C (N/ml)	Sem alteração anormal	0	0	0	100%	3	3	100%
Condutividade (µS/cm a 20°C)	2500	54	92	0	100%	3	3	100%
Chloridium perfringens (N/100ml)	0	0	0	0	100%	3	3	100%
Cor (mg/L PtCo)	20	<5	8	0	100%	3	3	100%
pH (unidades pH)	26,5 e 59	6,9	7,3	0	100%	3	3	100%
Ferro (µg/L Fe)	200	<50	93	0	100%	2	2	100%
Manganês (µg/L Mn)	50	<10	<10	0	100%	3	3	100%
Nitratos ¹ (mg/L NO ₃)	50	<4	---	0	100%	1	1	100%
Nitritos (mg/L NO ₂)	0,5	---	---	0	---	---	---	---
Oxidabilidade (mg/L O ₂)	5	<1,9	<1,9	0	100%	3	3	100%
Chloro a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%
Turvação (NTU)	4	<0,5	0,6	0	100%	3	3	100%
Antimónio ¹ (µg/L Sb)	5	<1,0	---	0	100%	1	1	100%
Arsénio ¹ (µg/L As)	10	<1,0	<1,0	0	100%	2	2	100%
Benzeno ¹ (µg/L)	1,0	<0,20	---	0	100%	1	1	100%
Benzol(a)pireno (µg/L)	0,010	---	---	0	---	---	---	---
Boro ¹ (mg/L B)	1,0	<0,010	---	0	100%	1	1	100%
Bromatos ¹ (µg/L BrO ₃)	10	<5,0	---	0	100%	1	1	100%
Cádmio ¹ (µg/L Cd)	5,0	<0,40	---	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	25	---	---	---	---	---	---	---
Cianetos ¹ (µg/L CN)	50	<5	---	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Cromo ¹ (µg/L Cr)	50	---	---	---	---	---	---	---
1,2 - dicloroetano ¹ (µg/L)	3,0	<0,750	---	0	100%	1	1	100%
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Enterococos (N/100 ml)	0	0	0	0	100%	3	3	100%
Fluoretos ¹ (mg/L F)	1,5	<0,4	---	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercurio ¹ (µg/L Hg)	1	<0,010	---	0	100%	1	1	100%
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Selénio ¹ (µg/L Se)	10	<1,0	---	0	100%	1	1	100%
Cloreto ¹ (mg/L Cl)	250	16	---	0	100%	1	1	100%
Sódio ¹ (mg/L Na)	200	8,92	---	0	100%	1	1	100%
Sulfatos ¹ (mg/L SO ₄)	250	<10	---	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	<0,4	---	0	100%	1	1	100%
Tetracloreto e Tricloreto ¹ (µg/L):	10	<0,30	---	0	100%	1	1	100%
Tetracloreto (µg/L)	---	<0,20	---	0	100%	1	1	100%
Tricloreto (µg/L)	---	<0,10	---	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzol(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzol(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzol(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromodiodrometano(µg/L)	---	---	---	---	---	---	---	---
Dibromodrometano(µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total ¹ (µg/L)	0,50	<0,10	---	0	100%	1	1	100%
Clorpirifos ¹ (µg/L)	0,10	<0,050	---	0	100%	1	1	100%
Desetilterbutilazina ¹ (µg/L)	0,10	<0,050	---	0	100%	1	1	100%
Durtos ¹ (µg/L)	0,10	<0,050	---	0	100%	1	1	100%
Imidacloprid ¹ (µg/L)	0,10	<0,050	---	0	100%	1	1	100%
MCPA ¹ (µg/L)	0,10	<0,050	---	0	100%	1	1	100%
Metalaxil ¹ (µg/L)	0,10	<0,05	---	0	100%	1	1	100%
Terbutilazina ¹ (µg/L)	0,10	<0,050	---	0	100%	1	1	100%
Radio (Bq/L)	100	---	---	---	---	---	---	---
Dose Indicativa ¹ (mSv/ano)	0,10	<0,10	---	0	100%	1	1	100%
Alfa Total ¹ (Bq/L)	0,1	<0,04	---	0	100%	1	1	100%
Beta Total ¹ (Bq/L)	1,0	<0,10	---	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: Eja de Ramhados.

NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas do Norte)

Informação complementar relativa à verificação das situações de incumprimento dos VP (causas e medidas correctivas): Os resultados analíticos apresentados evidenciam que a água distribuída no Concelho de S. João da Pesqueira está em conformidade com as normas de qualidade estabelecidas no Decreto-Lei n.º 306/2007 de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017 de 7 de dezembro.

O presidente: Manuel António Matoso Cordeiro

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