

	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE ESPOSENDE	4º TRIMESTRE
	ZONA DE ABASTECIMENTO: ESPOSENDE	2023

Em conformidade com o Decreto-Lei n.º 69/2023 de 21 de agosto, 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)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	26	26	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	26	26	100%
Desinfetante residual	---	mg/l	0,41	0,79	---	---	26	26	100%
Alumínio	200	µg/L Al	<20	27	0	100%	6	6	100%
Amónio	0,50	mg/l NH ₄	<0,15	<0,15	0	100%	6	6	100%
Número de colónias a 22 °C	---	N/ml	0	1	---	---	6	6	100%
Número de colónias a 36 °C	---	N/ml	0	1	---	---	6	6	100%
Condutividade	2500	µS/cm a 20 °C	73	96	0	100%	6	6	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	6	6	100%
Enterococos	0	N/100 ml	0	0	0	100%	6	6	100%
Cor	20	mg/l PtCo	<5,0	<5,0	0	100%	6	6	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,5	7,0	0	100%	6	6	100%
Cheiro a 25 °C	3	Fator de diluição	<1,0	<1,0	0	100%	6	6	100%
Sabor a 25 °C	3	Fator de diluição	<1,0	<1,0	0	100%	6	6	100%
Turvação	4	UNT	<0,40	<0,40	0	100%	6	6	100%
Benzo(a)pireno	0,010	µg/l	0,0030	0,0030	0	100%	1	1	100%
Cálcio	---	mg/l Ca	13	13	0	100%	1	1	100%
Chumbo	10	µg/l Pb	1,0	1,0	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	1,0	1,0	0	100%	1	1	100%
Crómio	50	µg/l Cr	1,0	1,0	0	100%	1	1	100%
Dureza total	---	mg/l CaCO ₃	36	36	0	100%	1	1	100%
Ferro	200	µg/l Fe	2,6	2,6	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	0,0200	0,0200	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	0,0200	0,0200	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	0,0200	0,0200	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	0,0200	0,0200	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	0,0200	0,0200	---	---	1	1	100%
Magnésio	---	mg/l Mg	0,457	0,457	---	---	1	1	100%
Manganês	50	µg/l Mn	0,55	0,55	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	0,010	0,010	0	100%	1	1	100%
Níquel	20	µg/l Ni	2,0	2,0	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O ₂	1,0	1,0	0	100%	1	1	100%
Trihalometanos - total (THM):	100	µg/l	10,8	10,8	0	100%	1	1	100%
Clorofórmio	---	µg/l	4,39	4,39	---	---	1	1	100%
Bromofórmio	---	µg/l	0,5	0,5	---	---	1	1	100%
Bromodiclorometano	---	µg/l	3,59	3,59	---	---	1	1	100%
Dibromoclorometano	---	µg/l	2,29	2,29	---	---	1	1	100%
Antimónio ¹	5,0	µg/l Sb	---	---	---	---	0	0	---
Arsénio ¹	10	µg/l As	---	---	---	---	0	0	---
Benzeno ¹	1,0	µg/l	---	---	---	---	0	0	---
Boro ¹	1,0	mg/l B	---	---	---	---	0	0	---
Bromatos ¹	10	µg/l BrO ₃	---	---	---	---	0	0	---
Cádmio ¹	5,0	µg/l Cd	---	---	---	---	0	0	---
Cianetos ¹	50	µg/l CN	---	---	---	---	0	0	---
Cloretos ¹	250	mg/l Cl	---	---	---	---	0	0	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	0	0	---
Fluoretos ¹	1,5	mg/l F	---	---	---	---	0	0	---
Nitratos ¹	50	mg/l NO ₃	---	---	---	---	0	0	---
Mercúrio ¹	1,0	µg/l Hg	---	---	---	---	0	0	---
Parâmetros radioativos:									
Alfa Total ¹	0,1	Bq/L	---	---	---	---	0	0	---
Dose indicativa ¹	0,10	mSv	---	---	---	---	0	0	---
Pesticidas - total: ¹	0,5	µg/L	<0,10	<0,10	0	100%	1	1	100%
Atrazina ¹	0,1	µg/L	<0,03	<0,03	0	100%	1	1	100%
Bentazona ¹	0,1	µg/L	<0,03	<0,03	0	100%	1	1	100%
Clorpirifos ¹	0,1	µg/L	---	---	---	---	0	0	---
Desetilatraxina ¹	0,1	µg/L	<0,03	<0,03	0	100%	1	1	100%
Desetilterbutilazina ¹	0,1	µg/L	---	---	---	---	0	0	---
Dimetoato ¹	0,1	µg/L	---	---	---	---	0	0	---
Dimetenamida-P ¹	0,1	µg/L	<0,03	<0,03	0	100%	1	1	100%
Diurão ¹	0,1	µg/L	---	---	---	---	0	0	---
Imidaclopride ¹	0,1	µg/L	---	---	---	---	0	0	---
Metolaclo ¹	0,1	µg/L	---	---	---	---	0	0	---
Metribuzina ¹	0,1	µg/L	---	---	---	---	0	0	---
Ometoato ¹	0,1	µg/L	---	---	---	---	0	0	---
Terbutilazina ¹	0,1	µg/L	---	---	---	---	0	0	---
Selénio ¹	10	µg/l Se	---	---	---	---	0	0	---
Sódio ¹	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos ¹	250	mg/l SO ₄	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano ¹ :	10	µg/l	---	---	---	---	0	0	---
Tetracloroetano ¹	---	µg/l	---	---	---	---	0	0	---
Tricloroetano ¹	---	µg/l	---	---	---	---	0	0	---

NOTA 1: Parâmetro analisado pela entidade gestora em alta: Águas do Norte, S.A.

Informação complementar relativa à averiguação das situações de incumprimento dos VP: No período em causa, não foram registados incumprimentos no controlo da qualidade da água para consumo.

Esposende, _____ de _____ de _____

O Presidente da Câmara Municipal de Esposende

(Benjamim Pereira, Arq.to)

Data de publicação no website da Esposende Ambiente: