

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, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente, a Entidade Reguladora dos Serviços de Águas e Resíduos (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)	Valores Obtidos		N.º Análises superiores VP	%	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,44	0,63	---	---	2	2	100%
Cheiro a 25°C (Fator de diluição)	3	<1	<1	0	100%	1	1	100%
Condutividade (µS/cm a 20°C)	2500	95,1	95,1	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<3,0	<3,0	0	100%	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0	---	---	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	6,8	6,8	0	100%	1	1	100%
Sabor a 25°C (Fator de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<1,0	<1,0	0	100%	1	1	100%
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/L) ⁽³⁾	3,0	---	---	---	---	0	0	---
Ácidos Haloacéticos (µg/L)	60	---	---	---	---	0	0	---
Ácido monocloroacético (µg/L)	---	---	---	---	---	0	0	---
Ácido dicloroacético (µg/L)	---	---	---	---	---	0	0	---
Ácido tricloroacético (µg/L)	---	---	---	---	---	0	0	---
Ácido monobromoaacético (µg/L)	---	---	---	---	---	0	0	---
Ácido dibromoacético (µg/L)	---	---	---	---	---	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/L NH4)	0,50	---	---	---	---	0	0	---
Antimónio (µg/L Sb) ⁽³⁾	10	---	---	---	---	0	0	---
Arsénio (µg/L As) ⁽³⁾	10	<3,0	<3,0	0	100%	1	1	100%
Benzeno (µg/L) ⁽³⁾	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Bisfenol A (µg/L)	2,5	---	---	---	---	0	0	---
Boro (mg/L B) ⁽³⁾	1,5	---	---	---	---	0	0	---
Bromatos (µg/L BrO3) ⁽³⁾	10	---	---	---	---	0	0	---
Cádmio (µg/L Cd) ⁽³⁾	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	10	---	---	---	---	0	0	---
Cianetos (µg/L CN) ⁽³⁾	50	---	---	---	---	0	0	---
Cloratos (mg/L ClO3)	0,25	---	---	---	---	0	0	---
Cloretos (mg/L Cl) ⁽³⁾	250	---	---	---	---	0	0	---
Cloritos (mg/L ClO2)	0,25	---	---	---	---	0	0	---
Cobre (mg/L Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/L Cr)	25	---	---	---	---	0	0	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	0	---
Ferro (µg/L Fe)	200	9	9	0	100%	1	1	100%
Fluoretos (mg/L F) ⁽³⁾	1,5	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	0	---
Manganês (µg/L Mn)	50	<5,0	<5,0	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercúrio (µg/L Hg) ⁽³⁾	1,0	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---
Nitratos (mg/L NO3) ⁽³⁾	50	---	---	---	---	0	0	---
Nitritos (mg/L NO2)	0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)	5,0	---	---	---	---	0	0	---
Potássio (mg/l K)	Sem alteração anormal	---	---	---	---	0	0	---
Selénio (µg/L Se) ⁽³⁾	20	---	---	---	---	0	0	---
Sódio (mg/L Na) ⁽³⁾	200	---	---	---	---	0	0	---
Sulfatos (mg/L SO4) ⁽³⁾	250	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/L): ⁽³⁾	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Tricloroeteno(µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/L):	100	---	---	---	---	0	0	---
Clorofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/L)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/L)	---	---	---	---	---	0	0	---
Soma de Substâncias perfluoroalquiladas (PFAS) (µg/L): ⁽³⁾	0,10	---	---	---	---	0	0	---
Ácido perfluorobutanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluoropentanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorohexanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluoroheptanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorooctanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorononanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorodecanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluoroundecanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorododecanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorotridecanóico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorobutanossulfónico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluoropentanossulfónico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorohexanossulfónico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluoroheptanossulfónico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorooctanossulfónico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorononanossulfónico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---

Parâmetro (unidades)	Valor Paramétrico (VP)	Valores Obtidos		N.º Análises superiores VP	%	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Ácido perfluorodecanossulfônico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluoroundecanossulfônico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorododecanossulfônico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Ácido perfluorotridecanossulfônico (µg/L) ⁽³⁾	---	---	---	---	---	0	0	---
Pesticidas – total (µg/L) ⁽³⁾	0,50	---	---	---	---	0	0	---
Alacloro (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
AMPA (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Bentazona (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Clorpirifos (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Desetilsimazina (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Desetilterbutilazina (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Dimetenamida-P (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Dimetoato (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Diurão (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Gilfosato (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Imidaclopride (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
MCPA (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
M656PH051 (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Metalaxil (µg/L) ⁽²⁾	0,10	---	---	---	---	0	0	---
Metolacloro (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Metribuzina (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Ometoato (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Simazina (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Tebuconazol (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
2,4-D ⁽²⁾	0,10	---	---	---	---	0	0	---
Dose indicativa total (mSv/L) ⁽³⁾	0,10	---	---	---	---	0	0	---
Urânio 234(Bq/L)	---	---	---	---	---	0	0	---
Urânio 238(Bq/L)	---	---	---	---	---	0	0	---
Rádio 226(Bq/L)	---	---	---	---	---	0	0	---
Polônio 210(Bq/L)	---	---	---	---	---	0	0	---
Alfa total (Bq/L)	0,10	---	---	---	---	0	0	---
Radão (Bq/L)	500	---	---	---	---	0	0	---
Urânio (µg/L) ⁽³⁾	30	---	---	---	---	0	0	---

NOTAS:

(1) Zonas de abastecimento controladas: Origem AdDP -Lever Norte, Visalto, Alvre, Casconha, Castromil, Devesa, Gandra, Parada, Povar, Recarei, Santa Comba, Santo Amaro, Sarnada, Senande, Urbanização "O Ninho", Vilar, Vilarinho de Cima, Fontanário 1º de Maio, Fontanário Além Rio, Fontanário Calvario, Fontanário Central de Vila Cova, Fontanário Central do Monte, Fontanário Corujeira, Fontanário do Salto, Fontanário Formigueiro, Fontanário Monte, Fontanário N. Sra. Batalha, Fontanário Ousarém, Fontanário Parque Cortinhas, Fontanário Parque de Lazer, Fontanário Quintela, Fontanário Silveiras, Fontanário Velho, Fontanário Venda Nova

(2) Parâmetro (conservativo) analisado pela entidade gestora em alta AdDP - Águas do Douro e Paiva, SA.

(3) Parâmetro (conservativo) analisado pela entidade gestora em alta AdDP - Águas do Douro e Paiva, SA e pela entidade gestora em baixa SMAS de Paredes.

Definições:

Controlo de Rotina: tem como objetivo fornecer regularmente informações sobre a qualidade organolética e microbiológica da água destinada ao consumo humano, bem como sobre a eficácia dos tratamentos existentes, especialmente a desinfeção, tendo em vista determinar a conformidade da água com os valores paramétricos estabelecidos no Decreto-Lei n.º 69/2023, de 21 de agosto;

Controlo de Inspeção: tem como objetivo obter as informações necessárias para verificar o cumprimento dos valores paramétricos do o Decreto-Lei n.º 69/2023, de 21 de agosto;

Conservativos: parâmetros em relação aos quais não há alterações desfavoráveis entre o ponto de entrega em alta e as torneiras dos consumidores, estando, neste caso, a EG em baixa dispensada de efetuar o seu controlo analítico.

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas):

Durante o período em análise, não se registaram incumprimentos.

Para informação mais detalhada sobre estes resultados, por favor dirija-se ao nosso serviço de atendimento.

Responsável da Qualidade da Água: Eng.º José Monteiro

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MAPA DA ZONA DE ABASTECIMENTO:

INFORMAÇÃO COMPLEMENTAR:

	1.º Trimestre		Anual (acumulado)	
	Previstas no PCQA	Realizadas	Previstas no PCQA	Realizadas
N.º de análises realizadas**	17	17	131	17
% de análises realizadas	100,0%		13,0%	
N.º de incumprimentos**	0		0	
% de resultados conformes	100,0%		100,0%	

** não inclui contabilização de parâmetros conservativos.

(%) DE ANÁLISES CONFORMES

Ano	2021	2022	2023	2024	2025
100,0%	100,0%	98,1%	97,5%	100,0%	100,0%