

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	1	1	50%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	26	1	50%	2	2	100%
Desinfetante residual (mg/L)	---	---	---	---	---	---	---	---
Alumínio (µg/L Al)	200	---	---	---	---	---	---	---
Cheiro a 25°C (Fator de diluição)	3	---	---	---	---	---	---	---
<i>Clostridium perfringens</i> (N/100ml)	0	---	---	---	---	---	---	---
Condutividade (µS/cm a 20°C)	2500	---	---	---	---	---	---	---
Cor (mg/L PtCo)	20	---	---	---	---	---	---	---
Enterococos (N/100 mL)	0	---	---	---	---	---	---	---
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	---	---	---	---	---	---	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	---	---	---	---	---	---
pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	---	---	---
Sabor a 25°C (Fator de diluição)	3	---	---	---	---	---	---	---
Turvação (NTU)	4	---	---	---	---	---	---	---
1,2 – dicloroetano (µg/L) ⁽³⁾	3	---	---	---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	---	---	---	---	---	---	---
Antimónio (µg/L Sb) ⁽³⁾	10	---	---	---	---	---	---	---
Arsénio (µg/L As) ⁽³⁾	10	---	---	---	---	---	---	---
Benzeno (µg/L) ⁽³⁾	1	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,01	---	---	---	---	---	---	---
Boro (mg/L B) ⁽³⁾	1,5	---	---	---	---	---	---	---
Bromatos (µg/L BrO ₃) ⁽³⁾	10	---	---	---	---	---	---	---
Cádmio (µg/L Cd) ⁽³⁾	5	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cianetos (µg/L CN) ⁽³⁾	50	---	---	---	---	---	---	---
Cloratos (mg/L ClO ₃)	0,25	---	---	---	---	---	---	---
Cloretos (mg/L Cl) ⁽³⁾	250	---	---	---	---	---	---	---
Cloritos (mg/L ClO ₂)	0,25	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Fluoretos (mg/L F) ⁽³⁾	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercurio (µg/L Hg) ⁽³⁾	1	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Nitratos (mg/L NO ₃) ⁽³⁾	50	---	---	---	---	---	---	---
Nitritos (mg/L NO ₂)	0,50	---	---	---	---	---	---	---
Oxidabilidade (mg/L O ₂)	5	---	---	---	---	---	---	---
Potássio (mg/L K)	Sem alteração anormal	---	---	---	---	---	---	---
Selénio (µg/L Se) ⁽³⁾	20	---	---	---	---	---	---	---
Sódio (mg/L Na) ⁽³⁾	200	---	---	---	---	---	---	---
Sulfatos (mg/L SO ₄) ⁽³⁾	250	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano(µg/L) ⁽³⁾	---	---	---	---	---	---	---	---
Tricloroetano(µg/L) ⁽³⁾	---	---	---	---	---	---	---	---
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)	---	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---
Pesticidas – total (µg/L) ⁽³⁾	0,50	<0,03	<0,03	0	100%	2	2	100%
Alacloro (µg/L) ⁽³⁾	0,10	---	---	---	---	---	---	---
AMPA (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Bentazona (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Clorpirifos (µg/L) ⁽³⁾	0,10	---	---	---	---	---	---	---
Desetilsimazina (µg/L) ⁽³⁾	0,10	---	---	---	---	---	---	---
Desetilterbutilazina (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Dimetenamida-P (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Dimetoato (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Diurão (µg/L) ⁽³⁾	0,10	---	---	---	---	---	---	---
Gilfosato (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Imidaclopride (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
M656PH051 (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
MCPA (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Metalaxil (µg/L) ⁽²⁾	0,10	---	---	---	---	---	---	---
Metolacoloro (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Metribuzina (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Ometoato (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Simazina (µg/L) ⁽³⁾	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
Tebuconazol (µg/L) ⁽³⁾	0,10	<0,030	<0,030	0	100%	1	1	100%
2,4-D ⁽²⁾	0,10	---	---	---	---	---	---	---
Alfa total (Bq/L) ⁽³⁾	0,10 ⁽²⁾	---	---	---	---	---	---	---
Beta Total (Bq/L) ⁽³⁾	1,0 ⁽²⁾	---	---	---	---	---	---	---
Dose indicativa total (mSv/L) ⁽³⁾	0,1	---	---	---	---	---	---	---
Radão (Bq/L)	500	---	---	---	---	---	---	---

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.
- (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.
- (4) Níveis de verificação (alerta)

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 desinfecção, 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):

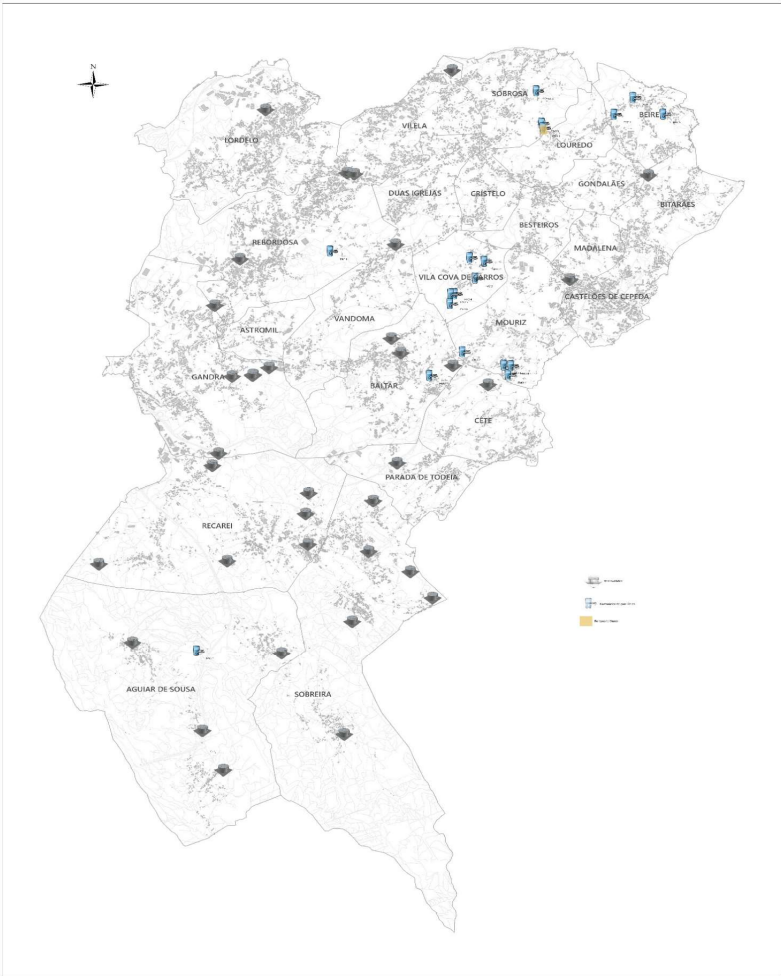
A não conformidade detetada deveu-se à inexistência de sistema de tratamento. As situações de incumprimento ocorridas foram acompanhadas pela Autoridade de Saúde, que considerou existir risco para a saúde humana e determinou a interrupção do abastecimento. Como medida corretiva os SMAS de Paredes irão instalar um sistema tratamento adequado com a maior brevidade possível.

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

Responsável da Qualidade da Água: Mariana Frada

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MAPA DA ZONA DE ABASTECIMENTO:



INFORMAÇÃO COMPLEMENTAR:

	3.º Trimestre		Anual (acumulado)	
	Previstas no	Realizadas	Previstas no	Realizadas
N.º de análises realizadas**	20	20	85	83
% de análises realizadas	100%		97,6%	
N.º de incumprimentos**	2		6	
% de resultados conformes	90,0%		91,4%	

** não inclui contabilização de parâmetros conservativos.