

BOLETIM TRIMESTRAL DOS SUBSISTEMAS DE ÁGUA DO SUL DO CONCELHO DE PAREDES

QUALIDADE + NOSSA ÁGUA

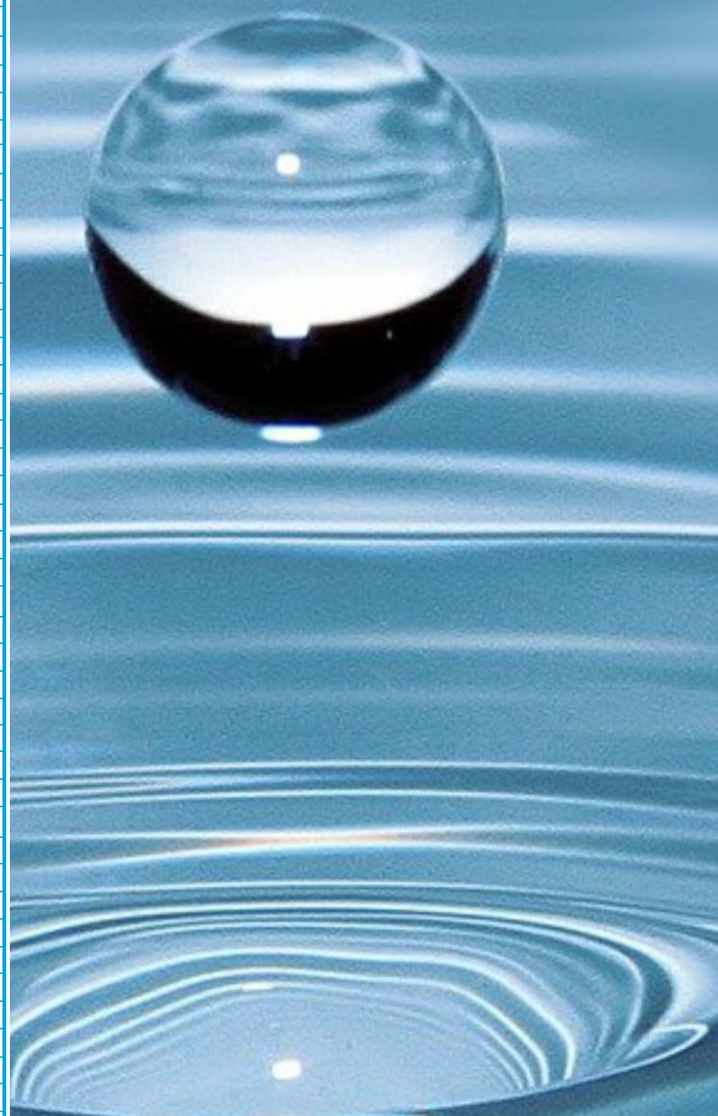
MAPA DE DIVULGAÇÃO DOS RESULTADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO¹ DO CONCELHO DE PAREDES

Quarto trimestre 2022:
de 1 de outubro a 31 de dezembro

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, 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) fixado no DL 306/2007 | 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% | 3 | 3 | 100% |
| Bactérias coliformes (N/100 ml) | 0 | 0 | 0 | 0 | 100% | 3 | 3 | 100% |
| Desinfetante residual (mg/L) | --- | 0,26 | 0,50 | 0 | 100% | 3 | 3 | 100% |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | --- | --- | --- |
| Cheiro a 25°C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 1 | 1 | 100% |
| Clostridium perfringens (N/100ml) | 0 | --- | --- | --- | --- | --- | --- | --- |
| Condutividade (µS/cm a 20°C) | 2500 | 1,5 e +2 | 1,5 e +2 | 0 | 100% | 1 | 1 | 100% |
| Cor (mg/L PtCo) | 20 | <5 | <5 | 0 | 100% | 1 | 1 | 100% |
| Enterococos (N/100 mL) | 0 | 0 | 0 | 0 | 100% | 1 | 1 | 100% |
| Ferro (µg/L Fe) | 200 | --- | --- | --- | --- | --- | --- | --- |
| Manganês (µg/L Mn) | 50 | 10 | 10 | 0 | 100% | 1 | 1 | 100% |
| Número de colónias a 22 °C (N/ml) | Sem alteração anormal | 0 | 0 | 0 | 100% | 1 | 1 | 100% |
| Número de colónias a 37 °C (N/ml) | Sem alteração anormal | 0 | 0 | 0 | 100% | 1 | 1 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | 7,1 | 7,1 | 0 | 100% | 1 | 1 | 100% |
| Sabor a 25°C (Fator de diluição) | 3,0 | <1 | <1 | 0 | 100% | 1 | 1 | 100% |
| Turvação (NTU) | 4,0 | <0,5 | <0,5 | 0 | 100% | 1 | 1 | 100% |
| 1,2 - dicloroetano (µg/L) | 3,0 | --- | --- | --- | --- | --- | --- | --- |
| Amónio (mg/L NH4) | 0,5 | --- | --- | --- | --- | --- | --- | --- |
| Antimónio (µg/L Sb) | 5,0 | --- | --- | --- | --- | --- | --- | --- |
| Arsénio (µg/L As) | 10,0 | 4 | 4 | 0 | 100% | 1 | 1 | 100% |
| Benzeno (µg/L) | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Benzo(a)pireno (µg/L) | 0,010 | --- | --- | --- | --- | --- | --- | --- |
| Boro (mg/L B) | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Bromatos (µg/L BrO3) | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Cádmio (µg/L Cd) | 5,0 | --- | --- | --- | --- | --- | --- | --- |
| Cálcio (mg/L Ca) | --- | --- | --- | --- | --- | --- | --- | --- |
| Chumbo (µg/L Pb) | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Cianetos (µg/L CN) | 50,0 | --- | --- | --- | --- | --- | --- | --- |
| Cloratos (mg/L ClO3) | 0,7 | --- | --- | --- | --- | --- | --- | --- |
| Cloretos (mg/L Cl) | 250,0 | --- | --- | --- | --- | --- | --- | --- |
| Cloritos (mg/L ClO2) | 0,7 | --- | --- | --- | --- | --- | --- | --- |
| Cobre (mg/L Cu) | 2,0 | --- | --- | --- | --- | --- | --- | --- |
| Crómio (µg/L Cr) | 50,0 | --- | --- | --- | --- | --- | --- | --- |
| Dureza total (mg/L CaCO3) | --- | --- | --- | --- | --- | --- | --- | --- |
| Fluoretos (mg/L F) | 1,5 | --- | --- | --- | --- | --- | --- | --- |
| Magnésio (mg/L Mg) | --- | --- | --- | --- | --- | --- | --- | --- |
| Merúrio (µg/L Hg) | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Níquel (µg/L Ni) | 20,0 | --- | --- | --- | --- | --- | --- | --- |
| Nitratos (mg/L NO3) | 50,0 | --- | --- | --- | --- | --- | --- | --- |
| Nitritos (mg/L NO2) | 0,5 | --- | --- | --- | --- | --- | --- | --- |
| Oxidabilidade (mg/L O2) | 5,0 | --- | --- | --- | --- | --- | --- | --- |
| Selénio (µg/L Se) | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Sódio (mg/L Na) | 200,0 | --- | --- | --- | --- | --- | --- | --- |
| Sulfatos (mg/L SO4) | 250,0 | --- | --- | --- | --- | --- | --- | --- |
| Tetracloroetano e Tricloroetano (µg/L): | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Tetracloroetano(µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Tricloroetano(µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L): | 0,1 | --- | --- | --- | --- | --- | --- | --- |
| 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) | 0,50 | --- | --- | --- | --- | --- | --- | --- |
| Alacloro (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Bentazona (µg/L) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 100% |
| Clorpirifos (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Desetilsimazina (µg/L) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 100% |
| Desetilterbutilazina (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Dimetoato (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Diurão (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Imidaclopride (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| MCPA (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Metalaxil (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Metolaclo (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Ometoato (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Simazina (µg/L) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 100% |
| Terbutilazina (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| 2,4-D | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Alfa total (Bq/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Beta Total (Bq/L) | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Dose indicativa total (mSv/L) | 0,1 | --- | --- | --- | --- | --- | --- | --- |
| Radão (Bq/L) | 500 | --- | --- | --- | --- | --- | --- | --- |

| Definições | |
|-----------------------|---|
| Controlo de Rotina: | tem como objetivo fornecer regularmente informações sobre a qualidade organoléptica 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 306/2007, de 27 de Agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro; |
| Controlo de Inspeção: | tem como objetivo obter as informações necessárias para verificar o cumprimento dos valores paramétricos do o Decreto-Lei n.º 306/2007, de 27 de Agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro; |



| | N.º de análises realizadas | % de análises realizadas | N.º de incumprimentos |
|---|----------------------------|--------------------------|-----------------------|
| 4.º Trimestre Realizadas Previstas | 3 | 100% | 0 |
| | 3 | | |
| Anual (acumulado) Realizadas Previstas | 12 | 100% | 2 |
| | 12 | | |

A tabela não incluiu os parâmetros conservativos

Nota 1 - Zonas de Abastecimento controladas:

Castromil

Responsável pela Entidade Gestora:


Alexandre Almeida

Responsável da Qualidade da Água:

José Luís Silva

Data de publicação no website

25 de janeiro 2023

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