

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 NA ZONA DE ABASTECIMENTO DE PARADA, PARADA DE TODEIA

Segundo trimestre 2023:
de 1 de abril a 30 de junho

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) | --- | 0,16 | 3,2 | --- | --- | 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 | 130 | 130 | 0 | 100% | 1 | 1 | 100% |
| Cor (mg/L PtCo) | 20 | <5,0 | <5,0 | 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 | 6,5 | 6,5 | 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 | <0,20 | <0,20 | 0 | 100% | 1 | 1 | 100% |
| 1,2 - dicloroetano (µg/L) ⁽¹⁾ | 3,0 | --- | --- | --- | --- | --- | --- | --- |
| Amónio (mg/L NH4) | 0,5 | --- | --- | --- | --- | --- | --- | --- |
| Antimónio (µg/L Sb) ⁽¹⁾ | 5,0 | --- | --- | --- | --- | --- | --- | --- |
| Arsénio (µg/L As) ⁽¹⁾ | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Benzeno (µg/L) ⁽¹⁾ | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Benzo(a)pireno (µg/L) | 0,010 | --- | --- | --- | --- | --- | --- | --- |
| Boro (mg/L B) ⁽¹⁾ | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Bromatos (µg/L BrO3) ⁽¹⁾ | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Cádmio (µg/L Cd) ⁽¹⁾ | 5,0 | --- | --- | --- | --- | --- | --- | --- |
| Cálcio (mg/L Ca) ⁽¹⁾ | --- | --- | --- | --- | --- | --- | --- | --- |
| Chumbo (µg/L Pb) | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Cianetos (µg/L CN) ⁽¹⁾ | 50,0 | --- | --- | --- | --- | --- | --- | --- |
| Cloretos (mg/L Cl) ⁽¹⁾ | 250,0 | --- | --- | --- | --- | --- | --- | --- |
| Cobre (mg/L Cu) | 2,0 | --- | --- | --- | --- | --- | --- | --- |
| Crómio (µg/L Cr) | 50,0 | --- | --- | --- | --- | --- | --- | --- |
| Dureza total (mg/L CaCO3) | --- | --- | --- | --- | --- | --- | --- | --- |
| Fluoretos (mg/L F) ⁽¹⁾ | 1,5 | --- | --- | --- | --- | --- | --- | --- |
| Magnésio (mg/L Mg) | --- | --- | --- | --- | --- | --- | --- | --- |
| Mercurio (µg/L Hg) ⁽¹⁾ | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Níquel (µg/L Ni) | 20,0 | --- | --- | --- | --- | --- | --- | --- |
| Nitratos (mg/L NO3) ⁽¹⁾ | 50,0 | --- | --- | --- | --- | --- | --- | --- |
| Nitritos (mg/L NO2) | 0,5 | --- | --- | --- | --- | --- | --- | --- |
| Oxidabilidade (mg/L O2) | 5,0 | --- | --- | --- | --- | --- | --- | --- |
| Selénio (µg/L Se) ⁽¹⁾ | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Sódio (mg/L Na) ⁽¹⁾ | 200,0 | --- | --- | --- | --- | --- | --- | --- |
| Sulfatos (mg/L SO4) ⁽¹⁾ | 250,0 | --- | --- | --- | --- | --- | --- | --- |
| Tetracloroetano e Tricloroetano (µg/L): | 10,0 | --- | --- | --- | --- | --- | --- | --- |
| Tetracloroetano(µg/L) ⁽¹⁾ | --- | --- | --- | --- | --- | --- | --- | --- |
| Tricloroetano(µg/L) ⁽¹⁾ | --- | --- | --- | --- | --- | --- | --- | --- |
| 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) | --- | --- | --- | --- | --- | --- | --- | --- |
| Bromodichlorometano(µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Dibromoclorometano(µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Pesticidas - total (µg/L) ⁽¹⁾ | 0,50 | <0,03 | <0,03 | 0 | 100% | 1 | 1 | 100% |
| Alaclaro (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Bentazona (µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Clorpirifos (µg/L) ⁽¹⁾ | 0,10 | <0,03 | <0,03 | 0 | 100% | 1 | 1 | 100% |
| Desetilsimazina (µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Desetilterbutilazina (µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Dimetoato (µg/L) ⁽¹⁾ | 0,10 | <0,014 | <0,014 | 0 | 100% | 1 | 1 | 100% |
| Diurão (µg/L) ⁽¹⁾ | 0,10 | <0,014 | <0,014 | 0 | 100% | 1 | 1 | 100% |
| Imidaclopride (µg/L) ⁽¹⁾ | 0,10 | <0,014 | <0,014 | 0 | 100% | 1 | 1 | 100% |
| MCPA (µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Dimetenamida-P (µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Metribuzina(µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Metolaclo (µg/L) ⁽¹⁾ | 0,10 | <0,014 | <0,014 | 0 | 100% | 1 | 1 | 100% |
| Ometoato (µg/L) ⁽¹⁾ | 0,10 | <0,014 | <0,014 | 0 | 100% | 1 | 1 | 100% |
| Simazina (µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Terbutilazina (µg/L) ⁽¹⁾ | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| 2,4-D | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Alfa total (Bq/L) ⁽¹⁾ | 0,10 ⁽²⁾ | --- | --- | --- | --- | --- | --- | --- |
| Beta Total (Bq/L) ⁽¹⁾ | 1,0 ⁽²⁾ | --- | --- | --- | --- | --- | --- | --- |
| Dose indicativa total (mSv/L) ⁽¹⁾ | 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; |
| 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. |



| | 2.º Trimestre | |
|----------------------------|---------------|-----------|
| | Realizadas | Previstas |
| N.º de análises realizadas | 26 | 26 |
| % de análises realizadas | 100% | |
| N.º de incumprimentos | 0 | |
| % de resultados conformes | 100% | |

| | Anual (acumulado) | |
|----------------------------|-------------------|-----------|
| | Realizadas | Previstas |
| N.º de análises realizadas | 122 | 45 |
| % de análises realizadas | 37% | |
| N.º de incumprimentos | 0 | |
| % de resultados conformes | 100% | |

Nota 1 - Parâmetro (conservativo)

Nota 2 - Níveis de verificação (alerta)

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

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 pela Entidade Gestora:


Alexandre Almeida

Responsável da Qualidade da Água:

Eng.ª Mariana Frada

Data de publicação no website

11 de agosto 2023