



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE SOBRAL DE MONTE AGRAÇO

ZONA DE ABASTECIMENTO:
ZA2 - Zona de Abastecimento de Casais de S. Martinho¹

2.º TRIMESTRE 2022
(01/04/2022 a 30/06/2022)

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 na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

| Parâmetros (unidades) | Valor Paramétrico (VP) fixado no DL 152/2017, de 7 de dezembro | 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% | 1 | 1 | 100% |
| Bactérias coliformes (N/100 ml) | 0 | 0 | 0 | 0 | 100% | 1 | 1 | 100% |
| Desinfetante residual (mg/L) | --- | < 0,10 | --- | --- | --- | 1 | 1 | 100% |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | --- | --- | --- |
| Número de colónias a 22 °C (N/ml) | Sem alteração anormal | --- | --- | --- | --- | --- | --- | --- |
| Número de colónias a 37 °C (N/ml) | Sem alteração anormal | --- | --- | --- | --- | --- | --- | --- |
| Condutividade (µS/cm a 20°C) | 2500 | --- | --- | --- | --- | --- | --- | --- |
| Clostridium perfringens (N/100 ml) | 0 | --- | --- | --- | --- | --- | --- | --- |
| Cor (mg/L PtCo) | 20 | --- | --- | --- | --- | --- | --- | --- |
| pH (unidades de pH) | ≥6,5 e ≤9,5 | --- | --- | --- | --- | --- | --- | --- |
| Ferro (µg/L Fe) | 200 | --- | --- | --- | --- | --- | --- | --- |
| Cheiro a 25°C (Factor de diluição) | 3 | --- | --- | --- | --- | --- | --- | --- |
| Sabor a 25°C (Factor de diluição) | 3 | --- | --- | --- | --- | --- | --- | --- |
| Oxidabilidade (mg/L O ₂) | 5 | --- | --- | --- | --- | --- | --- | --- |
| Enterococos (N/100 mL) | 0 | --- | --- | --- | --- | --- | --- | --- |
| Manganês (µg/L Mn) | 50 | --- | --- | --- | --- | --- | --- | --- |
| Turbidez (UNT) | 4 | --- | --- | --- | --- | --- | --- | --- |
| Antimónio ² (µg/L Sb) | 5 | < 0,50 | --- | 0 | 100% | 1 | 1 | 100% |
| Amónio (mg/L NH ₄) | 0,50 | --- | --- | --- | --- | --- | --- | --- |
| Arsénio ² (µg/L As) | 10 | 0,72 | --- | 0 | 100% | 1 | 1 | 100% |
| Benzeno ² (µg/L) | 1,0 | < 0,30 | --- | 0 | 100% | 1 | 1 | 100% |
| Benzo(a)pireno (µg/L) | 0,010 | --- | --- | --- | --- | --- | --- | --- |
| Boro ² (mg/L B) | 1,0 | < 0,02 | --- | 0 | 100% | 1 | 1 | 100% |
| Bromatos ² (µg/L BrO ₃) | 10 | < 3,0 | --- | 0 | 100% | 1 | 1 | 100% |
| Cádmio ² (µg/L Cd) | 5,0 | < 0,50 | --- | 0 | 100% | 1 | 1 | 100% |
| Cálcio (mg/L Ca) | --- | --- | --- | --- | --- | --- | --- | --- |
| Chumbo (µg/L Pb) | 10 | --- | --- | --- | --- | --- | --- | --- |
| Cianetos ² (µg/L Cn) | 50 | < 5,0 | --- | 0 | 100% | 1 | 1 | 100% |
| Cobre (mg/L Cu) | 2,0 | --- | --- | --- | --- | --- | --- | --- |
| Crómio (µg/L Cr) | 50 | --- | --- | --- | --- | --- | --- | --- |
| Cloretos ² (mg/L Cl) | 250 | 35,0 | --- | 0 | 100% | 1 | 1 | 100% |
| 1,2 - dicloroetano ² (µg/L) | 3,0 | < 0,10 | --- | 0 | 100% | 1 | 1 | 100% |
| Dureza total (mg/L CaCO ₃) | --- | --- | --- | --- | --- | --- | --- | --- |
| Fluoretos ² (mg/L F) | 1,5 | < 0,10 | --- | 0 | 100% | 1 | 1 | 100% |
| Magnésio (mg/L Mg) | --- | --- | --- | --- | --- | --- | --- | --- |
| Mercurio ² (µg/L Hg) | 1,0 | < 0,20 | --- | 0 | 100% | 1 | 1 | 100% |
| Nitratos ² (mg/L NO ₃) | 50 | 2,8 | --- | 0 | 100% | 1 | 1 | 100% |
| Nitritos (mg/L NO ₂) | 0,5 | --- | --- | --- | --- | --- | --- | --- |
| Níquel (µg/L Ni) | 20 | --- | --- | --- | --- | --- | --- | --- |
| Selénio ² (µg/L Se) | 10 | < 2,0 | --- | 0 | 100% | 1 | 1 | 100% |
| Sódio ² (mg/L Na) | 200 | 26,1 | --- | 0 | 100% | 1 | 1 | 100% |
| Sulfatos ² (mg/L SO ₄) | 250 | 61,2 | --- | 0 | 100% | 1 | 1 | 100% |
| Carbono Orgânico Total (mg/L C) | Sem alteração anormal | --- | --- | --- | --- | --- | --- | --- |
| Dose indicativa total ² (mSv/ano) | 0,10 | < 0,10 | --- | 0 | 100% | 1 | 1 | 100% |
| Atividade alfa total ² (referida a Am) (Bq/L) | 0,1 | < 0,025 | --- | 0 | 100% | 1 | 1 | 100% |
| Atividade beta total ² (referida a K) (Bq/L) | 1,0 | --- | --- | --- | --- | --- | --- | --- |
| Radão (Bq/L) | 500 | --- | --- | --- | --- | --- | --- | --- |
| Soma Tetracloroetano e Tricloroetano ² (µg/L): | 100 | < 1,0 | --- | 0 | 100% | 1 | 1 | 100% |
| Tetracloroetano ² (µg/L) | --- | < 0,10 | --- | --- | --- | 1 | 1 | 100% |
| Tricloroetano ² (µg/L) | --- | < 1,0 | --- | --- | --- | 1 | 1 | 100% |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L): | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Benzo(b)fluoranteno (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Benzo(k)fluoranteno (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Benzo(a)h(p)pireno (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Indeno(1,2,3-cd)pireno (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Trihalometanos - total (µg/L): | 100 | --- | --- | --- | --- | --- | --- | --- |
| Clorofórmio (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Bromofórmio (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Bromodichlorometano (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Dibromodichlorometano (µg/L) | --- | --- | --- | --- | --- | --- | --- | --- |
| Pesticidas - total ² (µg/L) | 0,50 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Alacloro ² (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Atrazina ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Bentazona ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Clorgincifos ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Desetilatraxina ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Desetilsimazina ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Desetilterbutilazina ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Dimetoato ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Dibufos ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Imidacloprido ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Isoprotrurão ² (µg/L) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
| Linurão ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| MCPA ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Metalaxil ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Metolaxil ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Ometoato ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Oxamil ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Simazina ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |
| Terbutilazina ² (µg/L) | 0,10 | < 0,030 | --- | 0 | 100% | 1 | 1 | 100% |

Nota 1: Zona de Abastecimento controlada: ZA2 - Zona de Abastecimento de Casais de S. Martinho [Pontos de amostragem: Avenida Principal (casa particular)].

Nota 2: Parâmetros (conservativos) fornecidos pela entidade gestora "em Alta": SMAS de Mafra.

Nota: Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Não foram registados incumprimentos neste trimestre.

O Presidente da Câmara, José Alberto Quintino, Eng.º

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