



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO  
CONCELHO DA GUARDA

3º TRIMESTRE 2023

ZONA DE ABASTECIMENTO: CALDEIRÃO

Edital N.º 157

| Freguesia                                | Localidades abastecidas  |
|--|--|
| Aldeia do Bispo                          | Aldeia do Bispo, Quintinha   |
| Aldeia Viçosa                            | Aldeia Viçosa, Qta da Ponte, Qta do Moinho, Qta do Pedral, Vale do Pedralvo  |
| Alvendre                                 | Alvendre, Qta da Umbelina  |
| Arrifãna                                 | Arrifãna, João Bragal de Cima, João Bravo, Casas da Ribeira, Qta da Maunça, Outeiro de S. Miguel   |
| Benespera                                | Benespera  |
| Casal de Cinza                           | Casal de Cinza, Creado, Torre, Pessolta, Carpinteiro, Qta N.º Sr.ª Póvoa, João Bragal de Baixo, Gata   |
| Castanheira                              | Castanheira, Rabaça, Porto Mourisco  |
| Cavadoude                                | Cavadoude, Qtas de Cavadoude, Reformatório do Mondego  |
| Codesseiro                               | Codesseiro, Salgueiro, Paiviegas, Gonçalveiros   |
| Faia                                     | Faia, Ramalhosa  |
| Famalicao                                | Famalicao  |
| Fernão Joanes                            | Fernão Joanes  |
| Gonçalbocas                              | Gonçalbocas  |
| Gonçalo                                  | Gonçalo, Qtas N.º Sr.ª Misericórdia  |
| Guarda                                   | Guarda - Cidade, Parque Industrial, Galegos, Quintazinha do Mouratão, Monte Barro, Sequeira, Cabreira, Carapito S. Salvador, Alfarazes, Rasa   |
| Jarmelo S. Miguel                        | Ribeira dos Carinhos, Montes, Valdeiras, Alto de Valdeiras, Lobatos, Toito, Mãe de Míngança, Qta do Silva  |
| Jarmelo S. Pedro                         | Devesa, Donfins, Urgueira, Ima, Almeidinha, Granja, Pereira, Gagos, Monteiros  |
| João Antão                               | João Antão, Qta da Carvalheira, Qta da Casa Nova, Sobreira   |
| Maçainhas                                | Maçainhas, Chãos, Cubo, Gulifar, Prados  |
| Meios                                    | Meios  |
| Panoias de Cima                          | Panoias, Barracão, Póvoa S. Domingos, Valcovo, Cerdeiral   |
| Pêra do Moço                             | Pêra do Moço, Verdugal, Martianes, Guilhafonso, Rapoula, Menoita   |
| Porto da Carne                           | Porto da Carne   |
| Ramela                                   | Ramela, Aldeia Nova, Aldeia Ruiva, Serra da Borge, Dominga Feia  |
| Santana da Azinha                        | Santana da Azinha, A-de-Moura, Carvalheira, Diogo Alves, Fernão Luís, Monte Soito, Sortelhão, Catraia do Sortelhão, Qta da Erva, Qta da Lameira, Qta do Frio, Qta do Sete, Qta dos Pombais |
| Sobral da Serra                          | Sobral da Serra, Amoreiras do Mondego  |
| U.F. Corujeira e Trinta                  | Corujeira, Trinta  |
| U.F. Mizarela, Pêro Soares e Vila Soeiro | Mizarela, Pêro Soares, Vila Soeiro   |
| U.F. Pousade e Albardo                   | Pousade  |
| U.F. Rochoso e Monte Margarida           | Espinhal, Pombal   |
| Vela                                     | Vela   |
| Vila Cortês do Mondego                   | Vila Cortês do Mondego   |
| Vila Fernando                            | Vila Fernando, Qta do Meio, Qta de Baixo, Qta de Cima, Vila Mendô, Monte Carreto   |
| Vila Garcia                              | Vila Garcia, Cairrão, Ordonho, Carapito da Légua   |

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, 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).


| Parâmetro                                      | Valor Paramétrico (VP) |                        | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|--|------------------------|------------------------|-----------------|--------|----------------------------|---------------------|---------------------|------------|-----------------------|
|  | VP                     | Unidade                | Mínimo          | Máximo |                            |                     | Previstas           | Realizadas |                       |
| <i>Escherichia coli (E. coli)</i>              | 0                      | N/100 ml               | 0               | ---    | 0                          | 100%                | 24                  | 24         | 100%                  |
| Bactérias coliformes                           | 0                      | N/100 ml               | 0               | ---    | 0                          | 100%                | 24                  | 24         | 100%                  |
| Desinfetante residual                          | ---                    | mg/l                   | <0,10           | 0,81   | ---                        | ---                 | 24                  | 24         | 100%                  |
| Cheiro a 25 °C                                 | 3                      | Fator de diluição      | <1              | ---    | 0                          | 100%                | 7                   | 7          | 100%                  |
| Sabor a 25 °C                                  | 3                      | Fator de diluição      | <1              | ---    | 0                          | 100%                | 7                   | 7          | 100%                  |
| pH   | ≥6,5 e ≤9,5            | Unidades pH            | 7,0             | 7,7    | 0                          | 100%                | 7                   | 7          | 100%                  |
| Condutividade                                  | 2500                   | µS/cm a 20 °C          | 127             | 151    | 0                          | 100%                | 7                   | 7          | 100%                  |
| Cor  | 20                     | mg/l PtCo              | <5,0            | ---    | 0                          | 100%                | 7                   | 7          | 100%                  |
| Turvação                                       | 4                      | UNT                    | <0,20           | 0,63   | 0                          | 100%                | 7                   | 7          | 100%                  |
| Enterococos                                    | 0                      | N/100 ml               | 0               | ---    | 0                          | 100%                | 7                   | 7          | 100%                  |
| Número de colónias a 22 °C                     | ---                    | N/ml                   | 0               | >300   | ---                        | ---                 | 7                   | 7          | 100%                  |
| Número de colónias a 36 °C                     | ---                    | N/ml                   | 0               | 39     | ---                        | ---                 | 7                   | 7          | 100%                  |
| <i>Clostridium perfringens</i>                 | 0                      | N/100 ml               | 0               | ---    | 0                          | 100%                | 7                   | 7          | 100%                  |
| Alumínio                                       | 200                    | µg/l Al                | <20             | 20     | 0                          | 100%                | 7                   | 7          | 100%                  |
| Ferro  | 200                    | µg/l Fe                | <10             | 240    | 1                          | 86%                 | 7                   | 7          | 100%                  |
| Manganês                                       | 50                     | µg/l Mn                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Amónio   | 0,50                   | mg/l NH <sub>4</sub>   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Benzo(a)pireno                                 | 0,010                  | µg/l                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Cálcio   | ---                    | mg/l Ca                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Chumbo   | 10                     | µg/l Pb                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Cobre  | 2,0                    | mg/l Cu                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Crómio   | 50                     | µg/l Cr                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Dureza total                                   | ---                    | mg/l CaCO <sub>3</sub> | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP): | 0,10                   | µg/l                   | ---             | ---    | ---                        | ---                 | 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          | ---                   |
| Magnésio                                       | ---                    | mg/l Mg                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Nitritos                                       | 0,50                   | mg/l NO <sub>2</sub>   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Níquel   | 20                     | µg/l Ni                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Oxidabilidade                                  | 5,0                    | mg/l O <sub>2</sub>    | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |

| Parâmetro                            | Valor Paramétrico (VP) |                       | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|--------------------------------------|------------------------|-----------------------|-----------------|--------|----------------------------|---------------------|---------------------|------------|-----------------------|
|                                      | VP                     | Unidade               | Mínimo          | Máximo |                            |                     | Previstas           | Realizadas |                       |
| Trihalometanos - total (THM):        | 100                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Clorofórmio                          | ---                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Bromofórmio                          | ---                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Bromodiclorom                        | ---                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Dibromoclorom                        | ---                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Antimónio (1)                        | 5,0                    | µg/l Sb               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Arsénio (1)                          | 10                     | µg/l As               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Benzeno (1)                          | 1,0                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Boro (1)                             | 1,0                    | mg/l B                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Bromatos (1)                         | 10                     | µg/l BrO <sub>3</sub> | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Cádmio (1)                           | 5,0                    | µg/l Cd               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Cianetos (1)                         | 50                     | µg/l CN               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Cloretos (1)                         | 250                    | mg/l Cl               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| 1,2 - dicloroetano (1)               | 3,0                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Fluoretos (1)                        | 1,5                    | mg/l F                | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Nitratos (1)                         | 50                     | mg/l NO <sub>3</sub>  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Mercúrio (1)                         | 1,0                    | µg/l Hg               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Pesticidas - total (1)               | 0,50                   | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Terbutilazina (1)                    | 0,10                   | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Desetilterbutilaz                    | 0,10                   | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Dimetenamida-1                       | 0,10                   | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Metribuzina (1)                      | 0,10                   | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Selénio (1)                          | 10                     | µg/l Se               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Sódio (1)                            | 200                    | mg/l Na               | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Sulfatos (1)                         | 250                    | mg/l SO <sub>4</sub>  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Tetracloroetano e Tricloroetano: (1) | 10                     | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Tetracloroetano                      | ---                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Tricloroetano (1)                    | ---                    | µg/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Dose indicativa (1)                  | 0,10                   | mSv                   | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| α-total (1)                          | 0,1                    | Bq/l                  | ---             | ---    | ---                        | ---                 | 0                   | 0          | ---                   |
| Radão                                | 500                    | Bq/l                  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Carbono Orgânico Total (COT)         | ---                    | mg/l C                | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cloritos                             | 0,7                    | mg/l ClO <sub>2</sub> | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cloratos                             | 0,7                    | mg/l ClO <sub>3</sub> | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| β-total                              | 1,0                    | Bq/l                  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |

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

Nota 1 - Parâmetros conservativos - análises da responsabilidade da Entidade Gestora em alta (Águas do Vale do Tejo, SA)

O Presidente da CMG:

  
(Sérgio Fernando da Silva Costa)

Data da publicação no website da CMG:

29/12/2023