



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

1º TRIMESTRE 2021

ZONA DE ABASTECIMENTO: ETA SABUGAL

Edital N.º 93

| | |
|--------------------------------|--|
| Freguesia | Localidades abastecidas |
| Adão | Adão, Carvalhal Meão |
| Marmeleiro | Penedo da Sé, Qta de Gonçalo Martins, Marmeleiro, Monte Brás |
| Pega | Pega |
| U.F. Rochoso e Monte Margarida | Rochoso, Monte Margarida |

| 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% | 3 | 3 | 100% |
| Bactérias coliformes | 0 | N/100 ml | 0 | --- | 0 | 100% | 3 | 3 | 100% |
| Desinfetante residual | --- | mg/l | 0,2 | 0,9 | --- | --- | 3 | 3 | 100% |
| Cheiro a 25 °C | 3 | Fator de diluição | <1 | --- | 0 | 100% | 1 | 1 | 100% |
| Sabor a 25 °C | 3 | Fator de diluição | <1 | --- | 0 | 100% | 1 | 1 | 100% |
| pH | ≥6,5 e ≤9,5 | Unidades pH | 6,8 | --- | 0 | 100% | 1 | 1 | 100% |
| Condutividade | 2500 | µS/cm a 20 °C | 180 | --- | 0 | 100% | 1 | 1 | 100% |
| Cor | 20 | mg/l PtCo | <5 | --- | 0 | 100% | 1 | 1 | 100% |
| Turvação | 4 | UNT | <0,5 | --- | 0 | 100% | 1 | 1 | 100% |
| Enterococos | 0 | N/100 ml | 0 | --- | 0 | 100% | 1 | 1 | 100% |
| Número de colónias a 22 °C | --- | N/ml | 0 | --- | --- | --- | 1 | 1 | 100% |
| Número de colónias a 36 °C | --- | N/ml | 0 | --- | --- | --- | 1 | 1 | 100% |
| <i>Clostridium perfringens</i> | 0 | N/100 ml | 0 | --- | 0 | 100% | 1 | 1 | 100% |
| Alumínio | 200 | µg/L Al | 48 | --- | 0 | 100% | 1 | 1 | 100% |
| Ferro | 200 | µg/l Fe | <40 | --- | 0 | 100% | 1 | 1 | 100% |
| Manganês | 50 | µg/l Mn | <10 | --- | 0 | 100% | 1 | 1 | 100% |
| Amónio | 0,50 | mg/l NH ₄ | <0,1 | --- | 0 | 100% | 1 | 1 | 100% |
| Benzo(a)pireno | 0,010 | µg/l | <0,003 | --- | 0 | 100% | 1 | 1 | 100% |
| Cálcio | --- | mg/l Ca | 33 | --- | --- | --- | 1 | 1 | 100% |
| Chumbo | 10 | µg/l Pb | <3,0 | --- | 0 | 100% | 1 | 1 | 100% |
| Cobre | 2,0 | mg/l Cu | 0,032 | --- | 0 | 100% | 1 | 1 | 100% |
| Crómio | 50 | µg/l Cr | <5,0 | --- | 0 | 100% | 1 | 1 | 100% |
| Dureza total | --- | mg/l CaCO ₃ | 96 | --- | --- | --- | 1 | 1 | 100% |
| Hydrocarbonetos Aromáticos Policíclicos (HAP): | 0,10 | µg/l | <0,012 | --- | 0 | 100% | 1 | 1 | 100% |
| Benzo(b)fluoranteno | --- | µg/l | <0,006 | --- | --- | --- | 1 | 1 | 100% |
| Benzo(k)fluoranteno | --- | µg/l | <0,003 | --- | --- | --- | 1 | 1 | 100% |
| Benzo(ghi)perileno | --- | µg/l | <0,010 | --- | --- | --- | 1 | 1 | 100% |
| Indeno(1,2,3-cd)pireno | --- | µg/l | <0,012 | --- | --- | --- | 1 | 1 | 100% |
| Magnésio | --- | mg/l Mg | 3,1 | --- | --- | --- | 1 | 1 | 100% |
| Níquel | 20 | µg/l Ni | <5 | --- | 0 | 100% | 1 | 1 | 100% |
| Nitritos | 0,50 | mg/l NO ₂ | <0,04 | --- | 0 | 100% | 1 | 1 | 100% |
| Oxidabilidade | 5,0 | mg/l O ₂ | <0,9 | --- | 0 | 100% | 1 | 1 | 100% |
| Trihalometanos - total (THM): | 100 | µg/l | 31 | --- | 0 | 100% | 1 | 1 | 100% |
| Clorofórmio | --- | µg/l | 23 | --- | --- | --- | 1 | 1 | 100% |
| Bromofórmio | --- | µg/l | <7 | --- | --- | --- | 1 | 1 | 100% |
| Bromodichlorometano | --- | µg/l | 8 | --- | --- | --- | 1 | 1 | 100% |
| Dibromochlorometano | --- | µg/l | <7 | --- | --- | --- | 1 | 1 | 100% |
| 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 ₃ | --- | --- | --- | --- | 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 ₃ | --- | --- | --- | --- | 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 | --- |
| Desetilterbutilazina (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 ₄ | --- | --- | --- | --- | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano: (1) | 10 | µg/l | --- | --- | --- | --- | 0 | 0 | --- |
| Tetracloroetano (1) | --- | µg/l | --- | --- | --- | --- | 0 | 0 | --- |
| Tricloroetano (1) | --- | µg/l | --- | --- | --- | --- | 0 | 0 | --- |
| Dose indicativa (1) | 0,10 | mSv | --- | --- | --- | --- | 0 | 0 | --- |
| Radão (1) | 500 | Bq/l | --- | --- | --- | --- | 0 | 0 | --- |
| α-total (1) | 0,1 | Bq/l | --- | --- | --- | --- | 0 | 0 | --- |
| Carbono Orgânico Total (COT) | --- | mg/l C | --- | --- | --- | --- | --- | --- | --- |
| Cloritos | 0,7 | mg/l ClO ₂ | --- | --- | --- | --- | --- | --- | --- |
| Cloratos | 0,7 | mg/l ClO ₃ | --- | --- | --- | --- | --- | --- | --- |
| 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 (AdVT)

O Presidente da CMG:


(Carlos Alberto Chaves Monteiro)

O Presidente
Carlos Alberto Chaves Monteiro

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