



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

EDITAL n.º 1/2025

ZONA DE ABASTECIMENTO: BIQUINHA/BºMUNICIPAL

1º TRIMESTRE  
01 de Janeiro  
a  
31 de Março

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, 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                                   | Valor Paramétrico (VP) |                   | Valores obtidos |        | N.º Análises superiores VP | Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|----------------------------------------------|------------------------|-------------------|-----------------|--------|----------------------------|-------------------|---------------------|------------|-----------------------|
|                                              | VP                     | Unidade           | Mínimo          | Máximo |                            |                   | Agendadas           | Realizadas |                       |
| <i>Escherichia coli</i>                      | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%              | 3                   | 3          | 100%                  |
| Bactérias coliformes                         | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%              | 3                   | 3          | 100%                  |
| Desinfetante residual                        | ---                    | mg/l              | 0,36            | 0,76   | ---                        | ---               | 3                   | 3          | 100%                  |
| Alumínio                                     | 200                    | µg/L Al           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Amónio                                       | 0,50                   | mg/l NH4          | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Número de colónias a 22 °C                   | ---                    | N/ml              | N.D.            | N.D.   | ---                        | ---               | 1                   | 1          | 100%                  |
| Condutividade                                | 2500                   | µS/cm a 20 °C     | 65,7            | 65,7   | 0                          | 100%              | 1                   | 1          | 100%                  |
| <i>Clostridium perfringens</i>               | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%              | 1                   | 1          | 100%                  |
| Cor                                          | 20                     | mg/l PtCo         | <5,0            | <5,0   | 0                          | 100%              | 1                   | 1          | 100%                  |
| pH                                           | ≥6,5 e ≤9,5            | Unidades pH       | 7,0             | 7,0    | 0                          | 100%              | 1                   | 1          | 100%                  |
| Ferro                                        | 200                    | µg/l Fe           | 52              | 52     | 0                          | 100%              | 1                   | 1          | 100%                  |
| Manganês                                     | 50                     | µg/l Mn           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Nitritos                                     | 0,50                   | mg/l NO2          | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Oxidabilidade                                | 5                      | mg/l O2           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cheiro a 25°C                                | 3                      | Fator de diluição | <1              | <1     | 0                          | 100%              | 1                   | 1          | 100%                  |
| Sabor a 25°C                                 | 3                      | Fator de diluição | <1              | <1     | 0                          | 100%              | 1                   | 1          | 100%                  |
| Turvação                                     | 4                      | UNT               | 0,55            | 0,55   | 0                          | 100%              | 1                   | 1          | 100%                  |
| Antimônio <sup>1</sup>                       | 10                     | µg/l Sb           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Arsénio <sup>1</sup>                         | 10                     | µg/l As           | 0,84            | 0,84   | 0                          | 100%              | 1                   | 1          | 100%                  |
| Benzeno <sup>1</sup>                         | 1,0                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Benzo(a)pireno                               | 0,010                  | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Boro <sup>1</sup>                            | 1,5                    | mg/l B            | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Bromatos <sup>1</sup>                        | 10                     | µg/l BrO3         | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cádmio <sup>1</sup>                          | 5,0                    | µg/l Cd           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cálcio                                       | ---                    | mg/l Ca           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Chumbo                                       | 10                     | µg/l Pb           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cianetos <sup>1</sup>                        | 50                     | µg/l CN           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cloretos <sup>1</sup>                        | 250                    | mg/l Cl           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cloritos                                     | 0,70                   | mg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cloratos                                     | 0,70                   | mg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Cobre                                        | 2,0                    | mg/l Cu           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Crómio                                       | 50                     | µg/l Cr           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| 1,2 - dicloroetano <sup>1</sup>              | 3,0                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Dureza total                                 | ---                    | mg/l CaCO3        | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Enterococos                                  | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%              | 1                   | 1          | 100%                  |
| Fluoretos <sup>1</sup>                       | 1,5                    | mg/l F            | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Magnésio                                     | ---                    | mg/l Mg           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Mercurio <sup>1</sup>                        | 1,0                    | µg/l Hg           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Nitratos <sup>1</sup>                        | 50                     | mg/l NO3          | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Níquel                                       | 20                     | µg/l Ni           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Potássio                                     | ---                    | mg/l K            | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Selénio <sup>1</sup>                         | 20                     | µg/l Se           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Sódio <sup>1</sup>                           | 200                    | mg/l Na           | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Sulfatos <sup>1</sup>                        | 250                    | mg/l SO4          | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Tetracloroetano e Tricloroetano <sup>1</sup> | 10                     | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Tetracloroetano <sup>1</sup>                 | ---                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Tricloroetano <sup>1</sup>                   | ---                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos:     | 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          | ---                   |
| Trihalometanos - total:                      | 100                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Clorofórmio                                  | ---                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Bromofórmio                                  | ---                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Bromodiclorometano                           | ---                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Dibromodiclorometano                         | ---                    | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Pesticidas <sup>1</sup> - total              | 0,50                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Clorpirifos <sup>1</sup>                     | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Desetilaterbutilazina <sup>1</sup>           | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Diurão <sup>1</sup>                          | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Imidaclopride <sup>1</sup>                   | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Ometoato <sup>1</sup>                        | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Terbutilazina <sup>1</sup>                   | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Dimetoato <sup>1</sup>                       | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Dimetenamida-P <sup>1</sup>                  | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Metribuzina <sup>1</sup>                     | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| M656PH05 <sup>1</sup>                        | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Gilfosato <sup>1</sup>                       | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| AMPA <sup>1</sup>                            | 0,10                   | µg/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Dose Indicativa <sup>1</sup>                 | 0,10                   | mSv               | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Alfa Total <sup>1</sup>                      | ---                    | Bq/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Beta Total <sup>1</sup>                      | ---                    | Bq/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |
| Radão                                        | 500                    | Bq/l              | ---             | ---    | ---                        | ---               | 0                   | 0          | ---                   |

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

O Presidente do Conselho de Administração:

(João Carlos Izidoro Marques)

Data da publicação: 14/05/2025

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, 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                                     | Valor Paramétrico (VP) |                   | Valores obtidos |               | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|------------------------------------------------|------------------------|-------------------|-----------------|---------------|----------------------------|---------------------|---------------------|------------|-----------------------|
|                                                | VP                     | Unidade           | Mínimo          | Máximo        |                            |                     | Agendadas           | Realizadas |                       |
| <i>Escherichia coli</i>                        | 0                      | N/100 ml          | 0               | 0             | 0                          | 100%                | 3                   | 3          | 100%                  |
| Bactérias coliformes                           | 0                      | N/100 ml          | 0               | 0             | 0                          | 100%                | 3                   | 3          | 100%                  |
| Desinfetante residual                          | ---                    | mg/l              | 0,57            | 0,61          | ---                        | ---                 | 3                   | 3          | 100%                  |
| Alumínio                                       | 200                    | µg/L Al           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Amónio                                         | 0,50                   | mg/l NH4          | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Número de colónias a 22 °C                     | ---                    | N/ml              | N.D.            | N.D.          | ---                        | ---                 | 1                   | 1          | 100%                  |
| Condutividade                                  | 2500                   | µS/cm a 20 °C     | 50,5            | 50,5          | 0                          | 100%                | 1                   | 1          | 100%                  |
| <i>Clostridium perfringens</i>                 | 0                      | N/100 ml          | 0               | 0             | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cor                                            | 20                     | mg/l PtCo         | <5,0            | <5,0          | 0                          | 100%                | 1                   | 1          | 100%                  |
| pH                                             | ≥6,5 e ≤9,5            | Unidades pH       | 7,1             | 7,1           | 0                          | 100%                | 1                   | 1          | 100%                  |
| Ferro                                          | 200                    | µg/l Fe           | <10             | <10           | 0                          | 100%                | 1                   | 1          | 100%                  |
| Manganês                                       | 50                     | µg/l Mn           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Nitritos                                       | 0,50                   | mg/l NO2          | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Oxidabilidade                                  | 5                      | mg/l O2           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Cheiro a 25°C                                  | 3                      | Fator de diluição | <1              | <1            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sabor a 25°C                                   | 3                      | Fator de diluição | <1              | <1            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Turvação                                       | 4                      | UNT               | <0,20           | <0,20         | 0                          | 100%                | 1                   | 1          | 100%                  |
| Antimónio <sup>1</sup>                         | 10                     | µg/l Sb           | <0,050          | <0,050        | 0                          | 100%                | 1                   | 1          | 100%                  |
| Arsénio <sup>1</sup>                           | 10                     | µg/l As           | <0,05           | <0,05         | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzeno <sup>1</sup>                           | 1,0                    | µg/l              | 0,7             | 0,7           | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzo(a)pireno                                 | 0,010                  | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Boro <sup>1</sup>                              | 1,5                    | mg/l B            | <0,10           | <0,10         | 0                          | 100%                | 1                   | 1          | 100%                  |
| Bromatos <sup>1</sup>                          | 10                     | µg/l BrO3         | <1,5            | <1,5          | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cádmio <sup>1</sup>                            | 5,0                    | µg/l Cd           | <1,0            | <1,0          | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cálcio                                         | ---                    | mg/l Ca           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Chumbo                                         | 10                     | µg/l Pb           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Cianetos <sup>1</sup>                          | 50                     | µg/l CN           | <1,0            | <1,0          | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cloretos <sup>1</sup>                          | 250                    | mg/l Cl           | 52              | 52            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cloritos                                       | 0,70                   | mg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Cloratos                                       | 0,70                   | mg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Cobre                                          | 2,0                    | mg/l Cu           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Crómio                                         | 50                     | µg/l Cr           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| 1,2 - dicloroetano <sup>1</sup>                | 3,0                    | µg/l              | <0,3            | <0,3          | 0                          | 100%                | 1                   | 1          | 100%                  |
| Dureza total                                   | ---                    | mg/l CaCO3        | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Enterococos                                    | 0                      | N/100 ml          | 0               | 0             | 0                          | 100%                | 1                   | 1          | 100%                  |
| Fluoretos <sup>1</sup>                         | 1,5                    | mg/l F            | 0,24            | 0,24          | 0                          | 100%                | 1                   | 1          | 100%                  |
| Magnésio                                       | ---                    | mg/l Mg           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Mercurio <sup>1</sup>                          | 1,0                    | µg/l Hg           | <0,01           | <0,01         | 0                          | 100%                | 1                   | 1          | 100%                  |
| Nitratos <sup>1</sup>                          | 50                     | mg/l NO3          | 1,9             | 1,9           | 0                          | 100%                | 1                   | 1          | 100%                  |
| Níquel                                         | 20                     | µg/l Ni           | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Potássio                                       | ---                    | mg/l K            | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Selénio <sup>1</sup>                           | 20                     | µg/l Se           | <0,5            | <0,5          | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sódio <sup>1</sup>                             | 200                    | mg/l Na           | 3,3             | 3,3           | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sulfatos <sup>1</sup>                          | 250                    | mg/l SO4          | 36              | 36            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Tetracloroetano e Tricloroetano <sup>1</sup> : | 10                     | µg/l              | <3 (maior LQ)   | <3 (maior LQ) | 0                          | 100%                | 1                   | 1          | 100%                  |
| Tetracloroetano <sup>1</sup>                   | ---                    | µg/l              | <3              | <3            | ---                        | ---                 | 1                   | 1          | 100%                  |
| Tricloroetano <sup>1</sup>                     | ---                    | µg/l              | <0,3            | <0,3          | ---                        | ---                 | 1                   | 1          | 100%                  |
| Hidrocarbonetos Aromáticos Policíclicos:       | 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          | ---                   |
| Trihalometanos - total:                        | 100                    | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Clorofórmio                                    | ---                    | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Bromofórmio                                    | ---                    | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Bromodichlorometano                            | ---                    | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Dibromochlorometano                            | ---                    | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Pesticidas <sup>1</sup> - total                | 0,50                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Clorpirifos <sup>1</sup>                       | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Desetilaterbutilazina <sup>1</sup>             | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Diurão <sup>1</sup>                            | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Imidaclopride <sup>1</sup>                     | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Ometoato <sup>1</sup>                          | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Terbutilazina <sup>1</sup>                     | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Dimetoato <sup>1</sup>                         | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Dimetenamida-P <sup>1</sup>                    | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Metribuzina <sup>1</sup>                       | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| M656PH051 <sup>1</sup>                         | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Glifosato <sup>1</sup>                         | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| AMPA <sup>1</sup>                              | 0,10                   | µg/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Dose Indicativa <sup>1</sup>                   | 0,10                   | mSv               | <0,10           | <0,10         | 0                          | 100%                | 1                   | 1          | 100%                  |
| Alfa Total <sup>1</sup>                        | ---                    | Bq/l              | <0,04           | <0,04         | ---                        | ---                 | 1                   | 1          | 100%                  |
| Beta Total <sup>1</sup>                        | ---                    | Bq/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |
| Radão                                          | 500                    | Bq/l              | ---             | ---           | ---                        | ---                 | 0                   | 0          | ---                   |

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

O Presidente do Conselho de Administração:

(João Carlos Izidoro Marques)

Data da publicação: 22/08/2025

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, 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                               | Valor Paramétrico (VP) |                   | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|------------------------------------------|------------------------|-------------------|-----------------|--------|----------------------------|---------------------|---------------------|------------|-----------------------|
|                                          | VP                     | Unidade           | Mínimo          | Máximo |                            |                     | Agendadas           | Realizadas |                       |
| <i>Escherichia coli</i>                  | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%                | 3                   | 3          | 100%                  |
| Bactérias coliformes                     | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%                | 3                   | 3          | 100%                  |
| Desinfetante residual                    | —                      | mg/l              | 0,50            | 0,60   | —                          | —                   | 3                   | 3          | 100%                  |
| Alumínio                                 | 200                    | µg/L Al           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Amónio                                   | 0,50                   | mg/l NH4          | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Número de colónias a 22 °C               | —                      | N/ml              | N.D.            | N.D.   | —                          | —                   | 1                   | 1          | 100%                  |
| Condutividade                            | 2500                   | µS/cm a 20 °C     | 63,1            | 63,1   | 0                          | 100%                | 1                   | 1          | 100%                  |
| <i>Clostridium perfringens</i>           | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cor                                      | 20                     | mg/l PtCo         | <5,0            | <5,0   | 0                          | 100%                | 1                   | 1          | 100%                  |
| pH                                       | ≥6,5 e ≤9,5            | Unidades pH       | 7,1             | 7,1    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Ferro                                    | 200                    | µg/l Fe           | <10             | <10    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Manganês                                 | 50                     | µg/l Mn           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Nitritos                                 | 0,50                   | mg/l NO2          | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Oxidabilidade                            | 5                      | mg/l O2           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cheiro a 25°C                            | 3                      | Fator de diluição | <1              | <1     | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sabor a 25°C                             | 3                      | Fator de diluição | <1              | <1     | 0                          | 100%                | 1                   | 1          | 100%                  |
| Turvação                                 | 4                      | UNT               | <0,20           | <0,20  | 0                          | 100%                | 1                   | 1          | 100%                  |
| Antimónio <sup>1</sup>                   | 10                     | µg/l Sb           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Arsénio <sup>1</sup>                     | 10                     | µg/l As           | 0,83            | 0,83   | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzeno <sup>1</sup>                     | 1,0                    | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Benzo(a)pireno                           | 0,010                  | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Boro <sup>1</sup>                        | 1,5                    | mg/l B            | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Bromatos <sup>1</sup>                    | 10                     | µg/l BrO3         | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cádmio <sup>1</sup>                      | 5,0                    | µg/l Cd           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cálcio                                   | —                      | mg/l Ca           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Chumbo                                   | 10                     | µg/l Pb           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cianetos <sup>1</sup>                    | 50                     | µg/l CN           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cloreto <sup>1</sup>                     | 250                    | mg/l Cl           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cloritos                                 | 0,70                   | mg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cloratos                                 | 0,70                   | mg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Cobre                                    | 2,0                    | mg/l Cu           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Crómio                                   | 50                     | µg/l Cr           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| 1,2 – dicloroetano <sup>1</sup>          | 3,0                    | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Dureza total                             | —                      | mg/l CaCO3        | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Enterococos                              | 0                      | N/100 ml          | 0               | 0      | 0                          | 100%                | 1                   | 1          | 100%                  |
| Fluoretos <sup>1</sup>                   | 1,5                    | mg/l F            | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Magnésio                                 | —                      | mg/l Mg           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Mercurio <sup>1</sup>                    | 1,0                    | µg/l Hg           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Nitratos <sup>1</sup>                    | 50                     | mg/l NO3          | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Níquel                                   | 20                     | µg/l Ni           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Potássio                                 | —                      | mg/l K            | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Selénio <sup>1</sup>                     | 20                     | µg/l Se           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Sódio <sup>1</sup>                       | 200                    | mg/l Na           | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Sulfatos <sup>1</sup>                    | 250                    | mg/l SO4          | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Tetracloroetano <sup>1</sup>             | 10                     | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Tricloroetano <sup>1</sup>               | —                      | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Hidrocarbonetos Aromáticos Policíclicos: | 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          | —                     |
| Trihalometanos - total:                  | 100                    | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Clorofórmio                              | —                      | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Bromofórmio                              | —                      | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Bromodiclorometano                       | —                      | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Dibromoclorometano                       | —                      | µg/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Pesticidas <sup>1</sup> – total          | 0,50                   | µg/l              | <0,03           | <0,03  | 0                          | 100%                | 1                   | 1          | 100%                  |
| Clorpirifos <sup>1</sup>                 | 0,10                   | µg/l              | <0,03           | <0,03  | 0                          | 100%                | 1                   | 1          | 100%                  |
| Desetilaterbutilazina <sup>1</sup>       | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Diurão <sup>1</sup>                      | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Imidaclopride <sup>1</sup>               | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Ometoato <sup>1</sup>                    | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Terbutilazina <sup>1</sup>               | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Dimetoato <sup>1</sup>                   | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Dimetenamida-P <sup>1</sup>              | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Metribuzina <sup>1</sup>                 | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| M656PH051 <sup>1</sup>                   | 0,10                   | µg/l              | <0,030          | <0,030 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Dose Indicativa <sup>1</sup>             | 0,10                   | mSv               | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Alfa Total <sup>1</sup>                  | —                      | Bq/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Beta Total <sup>1</sup>                  | —                      | Bq/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |
| Radão                                    | 500                    | Bq/l              | —               | —      | —                          | —                   | 0                   | 0          | —                     |

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

O Presidente do Conselho de Administração:

(João Carlos Lindoro Marques)

Data da publicação: 29-11-2024



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

EDITAL n.º 4/2024

ZONA DE ABASTECIMENTO: BIQUINHA/BºMUNICIPAL

4º TRIMESTRE  
01 de Outubro  
a  
31 de Dezembro

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de Agosto, 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                                     | Valor Paramétrico (VP) |                        | Valores obtidos   |                   | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|------------------------------------------------|------------------------|------------------------|-------------------|-------------------|----------------------------|---------------------|---------------------|------------|-----------------------|
|                                                | VP                     | Unidade                | Mínimo            | Máximo            |                            |                     | Agendadas           | Realizadas |                       |
| <i>Escherichia coli</i>                        | 0                      | N/100 ml               | 0                 | 0                 | 0                          | 100%                | 3                   | 3          | 100%                  |
| Bactérias coliformes                           | 0                      | N/100 ml               | 0                 | 0                 | 0                          | 100%                | 3                   | 3          | 100%                  |
| Desinfetante residual                          | —                      | mg/l                   | 0,48              | 0,80              | —                          | —                   | 3                   | 3          | 100%                  |
| Alumínio                                       | 200                    | µg/L Al                | 31                | 31                | 0                          | 100%                | 1                   | 1          | 100%                  |
| Amónio                                         | 0,50                   | mg/l NH <sub>4</sub>   | <0,050            | <0,050            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Número de colónias a 22 °C                     | —                      | N/ml                   | N.D.              | N.D.              | —                          | —                   | 1                   | 1          | 100%                  |
| Condutividade                                  | 2500                   | µS/cm a 20 °C          | 55,4              | 55,4              | 0                          | 100%                | 1                   | 1          | 100%                  |
| <i>Clostridium perfringens</i>                 | 0                      | N/100 ml               | 0                 | 0                 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cor                                            | 20                     | mg/l PtCo              | <5,0              | <5,0              | 0                          | 100%                | 1                   | 1          | 100%                  |
| pH                                             | ≥6,5 e ≤9,5            | Unidades pH            | 6,9               | 6,9               | 0                          | 100%                | 1                   | 1          | 100%                  |
| Ferro                                          | 200                    | µg/l Fe                | <10               | <10               | 0                          | 100%                | 1                   | 1          | 100%                  |
| Manganês                                       | 50                     | µg/l Mn                | <10               | <10               | 0                          | 100%                | 1                   | 1          | 100%                  |
| Nitritos                                       | 0,50                   | mg/l NO <sub>2</sub>   | <0,010            | <0,010            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Oxidabilidade                                  | 5                      | mg/l O <sub>2</sub>    | <1,0              | <1,0              | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cheiro a 25°C                                  | 3                      | Fator de diluição      | <1                | <1                | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sabor a 25°C                                   | 3                      | Fator de diluição      | <1                | <1                | 0                          | 100%                | 1                   | 1          | 100%                  |
| Turvação                                       | 4                      | UNT                    | <0,20             | <0,20             | 0                          | 100%                | 1                   | 1          | 100%                  |
| Antimónio <sup>1</sup>                         | 10,0                   | µg/l Sb                | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Arsénio <sup>1</sup>                           | 10                     | µg/l As                | 0,84              | 0,84              | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzeno <sup>1</sup>                           | 1,0                    | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Benzo(a)pireno                                 | 0,010                  | µg/l                   | <0,002            | <0,002            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Boro <sup>1</sup>                              | 1,5                    | mg/l B                 | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Bromatos <sup>1</sup>                          | 10                     | µg/l BrO <sub>3</sub>  | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Cádmio <sup>1</sup>                            | 5,0                    | µg/l Cd                | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Cálcio                                         | —                      | mg/l Ca                | 5,4               | 5,4               | —                          | —                   | 1                   | 1          | 100%                  |
| Chumbo                                         | 10                     | µg/l Pb                | <3,0              | <3,0              | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cianetos <sup>1</sup>                          | 50                     | µg/l CN                | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Cloretos <sup>1</sup>                          | 250                    | mg/l Cl                | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Cloritos                                       | 0,70                   | mg/l                   | <0,010            | <0,010            | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cloratos                                       | 0,70                   | mg/l                   | 0,095             | 0,095             | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cobre                                          | 2,0                    | mg/l Cu                | 0,012             | 0,012             | 0                          | 100%                | 1                   | 1          | 100%                  |
| Crómio                                         | 50                     | µg/l Cr                | <5,0              | <5,0              | 0                          | 100%                | 1                   | 1          | 100%                  |
| 1,2 – dicloroetano <sup>1</sup>                | 3,0                    | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Dureza total                                   | —                      | mg/l CaCO <sub>3</sub> | 16                | 16                | —                          | —                   | 1                   | 1          | 100%                  |
| Enterococos                                    | 0                      | N/100 ml               | 0                 | 0                 | 0                          | 100%                | 1                   | 1          | 100%                  |
| Fluoretos <sup>1</sup>                         | 1,5                    | mg/l F                 | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Magnésio                                       | —                      | mg/l Mg                | <0,50             | <0,50             | —                          | —                   | 1                   | 1          | 100%                  |
| Mercurio <sup>1</sup>                          | 1,0                    | µg/l Hg                | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Nitratos <sup>1</sup>                          | 50                     | mg/l NO <sub>3</sub>   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Níquel                                         | 20                     | µg/l Ni                | <5,0              | <5,0              | 0                          | 100%                | 1                   | 1          | 100%                  |
| Potássio                                       | —                      | mg/l K                 | 0,50              | 0,50              | —                          | —                   | 1                   | 1          | 100%                  |
| Selénio <sup>1</sup>                           | 20                     | µg/l Se                | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Sódio <sup>1</sup>                             | 200                    | mg/l Na                | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Sulfatos <sup>1</sup>                          | 250                    | mg/l SO <sub>4</sub>   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Tetracloroetano e Tricloroetano <sup>1</sup> : | 10                     | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Tetracloroetano <sup>1</sup>                   | —                      | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Tricloroetano <sup>1</sup>                     | —                      | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Hidrocarbonetos Aromáticos Policíclicos:       | 0,10                   | µg/l                   | <0,005 (Maior LQ) | <0,005 (Maior LQ) | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzo(b)fluoranteno                            | —                      | µg/l                   | <0,005            | <0,005            | —                          | —                   | 1                   | 1          | 100%                  |
| Benzo(k)fluoranteno                            | —                      | µg/l                   | <0,002            | <0,002            | —                          | —                   | 1                   | 1          | 100%                  |
| Benzo(ghi)perileno                             | —                      | µg/l                   | <0,004            | <0,004            | —                          | —                   | 1                   | 1          | 100%                  |
| Indeno(1,2,3-cd)pireno                         | —                      | µg/l                   | <0,004            | <0,004            | —                          | —                   | 1                   | 1          | 100%                  |
| Trihalometanos - total:                        | 100                    | µg/l                   | <3 (maior LQ)     | <3 (maior LQ)     | 0                          | 100%                | 1                   | 1          | 100%                  |
| Clorofórmio                                    | —                      | µg/l                   | <3                | <3                | —                          | —                   | 1                   | 1          | 100%                  |
| Bromofórmio                                    | —                      | µg/l                   | <3                | <3                | —                          | —                   | 1                   | 1          | 100%                  |
| Bromodiclorometano                             | —                      | µg/l                   | <3                | <3                | —                          | —                   | 1                   | 1          | 100%                  |
| Dibromoclorometano                             | —                      | µg/l                   | <3                | <3                | —                          | —                   | 1                   | 1          | 100%                  |
| Pesticidas <sup>1</sup> – total                | 0,50                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Clorpirifos <sup>1</sup>                       | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Desetilaterbutilazina <sup>1</sup>             | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Diurão <sup>1</sup>                            | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Imidaclopride <sup>1</sup>                     | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Ometoato <sup>1</sup>                          | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Terbutilazina <sup>1</sup>                     | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Dimetoato <sup>1</sup>                         | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Dimetenamida-P <sup>1</sup>                    | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Metribuzina <sup>1</sup>                       | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| M656PH051 <sup>1</sup>                         | 0,10                   | µg/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Dose Indicativa <sup>1</sup>                   | 0,10                   | mSv                    | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Alfa Total <sup>1</sup>                        | —                      | Bq/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Beta Total <sup>1</sup>                        | —                      | Bq/l                   | —                 | —                 | —                          | —                   | 0                   | 0          | —                     |
| Radão                                          | 500                    | Bq/l                   | 33                | 33                | 0                          | 100%                | 1                   | 1          | 100%                  |

NOTA 1: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

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

O Presidente do Conselho de Administração:

(João Carlos Izidoro Marques)

Data da publicação: 29/01/2025