

Controlo da Qualidade da Água para Consumo Humano do Sistema de Abastecimento Público  
Zona de Abastecimento de Água: Pereira

1º Trimestre  
01 de janeiro a 31 de março  
Ano 2026

| Parâmetro                                           | VP - Valor Paramétrico |                   | Valores Obtidos |        | Nº de Análises Superiores ao VP | % de Cumprimento do VP | Nº de Análises PCQA 2026 |            | % Análises Realizadas |
|-----------------------------------------------------|------------------------|-------------------|-----------------|--------|---------------------------------|------------------------|--------------------------|------------|-----------------------|
|                                                     | VP                     | Unidade           | Mínimo          | Máximo |                                 |                        | Previstas                | Realizadas |                       |
| Escherichia coli (E. Coli)                          | 0                      | N/100ml           | 0               | 0      | 0                               | 100%                   | 3                        | 3          | 100%                  |
| Bactérias Coliformes                                | 0                      | N/100ml           | 0               | 0      | 0                               | 100%                   | 3                        | 3          | 100%                  |
| Desinfectante Residual                              | ---                    | mg/l              | 0,32            | 0,62   | ---                             | ---                    | 3                        | 3          | 100%                  |
| Cheiro a 25°C                                       | 3,0                    | Fator de diluição | <1              | <1     | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Sabor a 25°C                                        | 3,0                    | Fator de diluição | <1              | <1     | 0                               | 100%                   | 1                        | 1          | 100%                  |
| pH                                                  | ≥6,5 e ≤9,5            | E. de Sorensen    | 7,5             | 7,5    | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Condutividade                                       | 2500                   | µS/cm a 20°C      | 488             | 488    | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Cor                                                 | 20,0                   | mg/l PtCo         | <5,0            | <5,0   | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Turvação                                            | 4,0                    | UNT               | 0,28            | 0,28   | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Enterococos fecais                                  | 0                      | N/100ml           | 0               | 0      | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Número de Colónias a 22°C                           | ---                    | N/ml a 22°C       | ND              | ND     | ---                             | ---                    | 1                        | 1          | 100%                  |
| Número de Colónias a 36°C                           | ---                    | N/ml a 36°C       | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Alumínio                                            | 200,0                  | µg/l Al           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Cálcio                                              | ---                    | mg/l Ca           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Clostridium perfringens                             | 0                      | N/100ml           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Dureza Total                                        | ---                    | mg/l CaCO3        | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Dose Indicativa (1)                                 | 0,1                    | mSv               | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Alfa-total (1)                                      | ---                    | Bq/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Beta- Total (1)                                     | ---                    | Bq/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Polónio 210                                         | ---                    | Bq/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Rádio 226                                           | ---                    | Bq/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Urânio 234                                          | ---                    | Bq/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Urânio 238                                          | ---                    | Bq/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Radão                                               | 500                    | Bq/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Ferro                                               | 200                    | µg/l Fe           | <10             | <10    | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Magnésio                                            | ---                    | mg/l Mg           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Manganês                                            | 50                     | µg/l Mn           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Oxidabilidade                                       | 5,0                    | mg/l O2           | <1,0            | <1,0   | 0                               | 100%                   | 1                        | 1          | 100%                  |
| Potássio                                            | ---                    | mg/l K            | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Ácidos Haolacéticos                                 | 60,0                   | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Amónio                                              | 0,5                    | mg/l NH4          | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Antimónio (1)                                       | 10,0                   | µg/l Sb           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Arsénio (1)                                         | 10                     | µg/l As           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Benzeno (1)                                         | 1,0                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Benzo(a)pireno                                      | 0,01                   | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Bisfenol A                                          | 2,5                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Boro (1)                                            | 1,5                    | mg/l B            | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Bromatos (1)                                        | 10,0                   | µg/l BrO3         | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Cádmio (1)                                          | 5                      | µg/l Cd           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Carbono Orgânico Total (COT)                        | ---                    | mg/l C            | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Cianetos (1)                                        | 50                     | µg/l CN           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Cloretos (1)                                        | 250,0                  | mg/l Cl           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Cloritos                                            | 0,25 (3)               | mg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Cloratos                                            | 0,25 (3)               | mg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Chumbo                                              | 10                     | µg/l Pb           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Cobre                                               | 2,0                    | mg/l Cu           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Crómio                                              | 50                     | µg/l Cr           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| 1,2 - dicloroetano (1)                              | 3,0                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Fluoretos (1)                                       | 1,5                    | mg/l F            | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (**): | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Benzo(b)fluoranteno                                 | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Benzo(k)fluoranteno                                 | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Benzo(ghi)perileno                                  | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Indeno(1,2,3-cd)pireno                              | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Nitratos (1)                                        | 50                     | mg/l NO3          | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Nitritos                                            | 0,5                    | mg/l NO2          | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Mercurio (1)                                        | 1                      | µg/l Hg           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Níquel                                              | 20,0                   | µg/l Ni           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Pesticidas - totais (1)                             | 0,5                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| M656PH051 (1)                                       | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Bentazona (1)                                       | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Clorpirifos (1)                                     | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Dimetoato (1)                                       | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Diurão (1)                                          | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Imidaclopride (1)                                   | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| S-Metolaclopro (1)                                  | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| MCPA (1)                                            | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Dimetenamida-P (1)                                  | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Metribuzina (1)                                     | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Terbutilazina (1)                                   | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Desetilterbutilazina (1)                            | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Ometoato (1)                                        | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Metaxilax (1)                                       | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Tebuconazol (1)                                     | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Glifosato (1)                                       | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| AMPA (1)                                            | 0,1                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Selénio (1)                                         | 20                     | µg/l Se           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Sódio (1)                                           | 200,0                  | mg/l Na           | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Sulfatos (1)                                        | 250                    | mg/l SO4          | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Tetracloretoeno e Tricloretoeno (1)(****)           | 10,0                   | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Soma de PFAS (****)                                 | 0,10                   | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Tetracloretoeno                                     | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Tricloretoeno                                       | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Trihalometanos - Totais (THM)                       | 100,0                  | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Clorofórmio                                         | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Bromofórmio                                         | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Bromodiclorometano                                  | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Dibromoclorometano                                  | ---                    | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |
| Urânio                                              | 30                     | µg/l              | ---             | ---    | ---                             | ---                    | ---                      | ---        | ---                   |

Informação complementar

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).

Informação complementar relativa à averiguação de incumprimentos dos Valores Paramétricos (VP):

Não foi detetada nenhuma situação de incumprimento ao Valor Paramétrico na Zona de Abastecimento de Pereira

Laboratórios responsáveis pelas colheitas e ensaios:

Cesab

Legenda:

- VP - Valor Paramétrico constante do anexo I do DL 69/2023, de 21 de agosto  
ND - Não Detectado  
LQ - Limite de Quantificação  
LD - Limite de Detecção  
NA - Não Aplicável  
(1) Parâmetros Conservativos  
(2) Parâmetros Conserv analisados pela EG em Alta  
(3) VP configurado em função do sistema de desinfeção existente

\* O valor de "Ácidos Haloacéticos (HAA)" corresponde à soma das 5 espécies: monocloroacético, dicloroacético, tricloroacético, monobromoacético e dibromoacético.

\*\* O resultado de "Hidrocarbonetos Aromáticos Policíclicos (HAP)" corresponde à soma das 5 espécies: Benzo(b)fluoranteno; Benzo(k)fluoranteno; Benzo(ghi)perileno; Indeno(1,2,3 -cd)pireno.

\*\*\* O resultado de "Tetracloretoeno e Tricloretoeno" corresponde ao resultado determinado com base nas análises realizadas aos dois compostos individuais.

\*\*\*\* A soma de PFAS corresponde ao total obtido para os seguinte 20 ácidos: perfluorobutanóico, perfluoropentanóico, perfluorohexanóico, perfluoroheptanóico, perfluorooctanóico, perfluorononanóico, perfluorodecanóico, perfluoroundecanóico, perfluorododecanóico, perfluorotridecanóico, perfluorobutanossulfónico, perfluoropentanossulfónico, perfluorohexanossulfónico, perfluoroheptanossulfónico, perfluorooctanossulfónico, perfluorononanossulfónico, perfluorodecanossulfónico, perfluoroundecanossulfónico, perfluorododecanossulfónico, perfluorotridecanossulfónico

Diretor-Geral:

Idalécio Pessoa Oliveira, Eng.

Data:

26 de Junho de 2026