

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

**4.º TRIMESTRE 2019**  
(1 de Outubro a 31 de Dezembro)

| Parâmetros (unidades)                                     | Valor Paramétrico (VP) fixado no DL 152/2017, de 7 de dezembro | Valores obtidos |        | N.º Análises superiores VP | % Cumprimento do VP | N.º Análises (PCQA) |            | % Análises Realizadas |
|---|--|-----------------|--------|----------------------------|---------------------|---------------------|------------|-----------------------|
|   |  | Mínimo          | Máximo |                            |                     | Agendadas           | Realizadas |                       |
| Escherichia coli (N/100 ml)                               | 0  | 0               | 0      | 0                          | 100%                | 6                   | 6          | 100%                  |
| Bactérias coliformes (N/100 ml)                           | 0  | 0               | 0      | 0                          | 100%                | 6                   | 6          | 100%                  |
| Desinfetante residual (mg/L)                              | ---  | 0,2             | 0,5    | ---                        | ---                 | 6                   | 6          | 100%                  |
| Alumínio (µg/L Al)  | 200  | < 50            | ---    | ---                        | 100%                | 3                   | 3          | 100%                  |
| Número de colónias a 22 °C (N/ml)                         | Sem alteração anormal  | 0               | ---    | ---                        | ---                 | 3                   | 3          | 100%                  |
| Número de colónias a 37 °C (N/ml)                         | Sem alteração anormal  | 0               | ---    | ---                        | ---                 | 3                   | 3          | 100%                  |
| Condutividade (µS/cm a 20°C)                              | 2500   | 240             | 310    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Clostridium perfringens (N/100 ml)                        | 0  | 0               | 0      | 0                          | 100%                | 3                   | 3          | 100%                  |
| Cor (mg/L PtCo)   | 20   | < 5             | ---    | 0                          | 100%                | 3                   | 3          | 100%                  |
| pH (unidades de pH)                                       | ≥6,5 e ≤9,5  | 7,8             | 7,9    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Ferro (µg/L Fe)   | 200  | < 50            | ---    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Cheiro a 25°C (Factor de diluição)                        | 3  | < 1             | ---    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Sabor a 25°C (Factor de diluição)                         | 3  | < 1             | ---    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Oxidabilidade (mg/L O <sub>2</sub> )                      | 5  | < 1,5           | ---    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Enterococos (N/100 mL)                                    | 0  | 0               | 0      | 0                          | 100%                | 3                   | 3          | 100%                  |
| Manganês (µg/L Mn)  | 50   | < 5             | ---    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Turbacão (UNT)  | 4  | < 0,4           | ---    | 0                          | 100%                | 3                   | 3          | 100%                  |
| Antimónio <sup>2</sup> (µg/L Sb)                          | 5  | < 0,500         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Amónio (mg/L NH <sub>4</sub> )                            | 0,50   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Arsénio <sup>2</sup> (µg/L As)                            | 10   | < 0,500         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzeno <sup>2</sup> (µg/L)                               | 1,0  | < 0,30          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Benzo(a)pireno (µg/L)                                     | 0,010  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Boro <sup>2</sup> (mg/L B)                                | 1,0  | < 0,02          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Bromatos <sup>2</sup> (µg/L BrO <sub>3</sub> )            | 10   | < 10,0          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cádmio <sup>2</sup> (µg/L Cd)                             | 5,0  | < 0,500         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cálcio (mg/L Ca)  | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Chumbo (µg/L Pb)  | 10   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cianetos <sup>2</sup> (µg/L Cn)                           | 50   | < 5,00          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cobre (mg/L Cu)   | 2,0  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Crómio (µg/L Cr)  | 50   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Cloretos <sup>2</sup> (mg/L Cl)                           | 250  | 17,5            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| 1,2 - dicloroetano <sup>2</sup> (µg/L)                    | 3,0  | < 0,10          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Dureza total (mg/L CaCO <sub>3</sub> )                    | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Fluoretos <sup>2</sup> (mg/L F)                           | 1,5  | < 0,10          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Magnésio (mg/L Mg)  | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Mercúrio <sup>2</sup> (µg/L Hg)                           | 1,0  | < 0,200         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Nitratos <sup>2</sup> (mg/L NO <sub>3</sub> )             | 50   | 2,45            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Nitritos (mg/L NO <sub>2</sub> )                          | 0,5  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Níquel (µg/L Ni)  | 20   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Selénio <sup>2</sup> (µg/L Se)                            | 10   | < 2,00          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sódio (mg/L Na)   | 200  | 12,2            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sulfatos <sup>2</sup> (mg/L SO <sub>4</sub> )             | 250  | 16,1            | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Carbono Orgânico Total (mg/L C)                           | Sem alteração anormal  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Dose indicativa total <sup>2</sup> (mSv/ano)              | 0,10   | < 0,1           | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Actividade alfa total <sup>2</sup> (referida a Am) (Bq/L) | 0,1  | < 0,025         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Actividade beta total <sup>2</sup> (referida a K) (Bq/L)  | 1,0  | 0,043           | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Radão (Bq/L)  | 500  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Tetracloroetano e Tricloroetano <sup>2</sup> (µg/L):      | 10   | < 1,0           | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Tetracloroetano <sup>2</sup> (µg/L)                       | ---  | < 0,10          | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Tricloroetano <sup>2</sup> (µg/L)                         | ---  | < 1,0           | ---    | ---                        | ---                 | 1                   | 1          | 100%                  |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L):           | 0,10   | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Benzo(b)fluoranteno (µg/L)                                | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Benzo(k)fluoranteno (µg/L)                                | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Benzo(ghi)perileno (µg/L)                                 | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Indeno(1,2,3-cd)pireno (µg/L)                             | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Trihalometanos - total (µg/L):                            | 100  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Clorofórmio (µg/L)  | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Bromofórmio (µg/L)  | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Bromodiclorometano (µg/L)                                 | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Dibromodiclorometano (µg/L)                               | ---  | ---             | ---    | ---                        | ---                 | ---                 | ---        | ---                   |
| Pesticidas - total <sup>2</sup> (µg/L)                    | 0,50   | < 0,07          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Alacloro <sup>2</sup> (µg/L)                              | 0,10   | < 0,06          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Atrazina <sup>2</sup> (µg/L)                              | 0,10   | < 0,06          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Bentazona <sup>2</sup> (µg/L)                             | 0,10   | < 0,05          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Clorpirifos <sup>2</sup> (µg/L)                           | 0,10   | < 0,01          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Desetilatrazina <sup>2</sup> (µg/L)                       | 0,10   | < 0,035         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Desetilsimazina <sup>2</sup> (µg/L)                       | 0,10   | < 0,07          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Desetilterbutilazina <sup>2</sup> (µg/L)                  | 0,10   | < 0,020         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Dimetoato <sup>2</sup> (µg/L)                             | 0,10   | < 0,025         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Diurão <sup>2</sup> (µg/L)                                | 0,10   | < 0,045         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Imidaclopride <sup>2</sup> (µg/L)                         | 0,10   | < 0,020         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Isoproturão <sup>2</sup> (µg/L)                           | 0,10   | < 0,045         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Linurão <sup>2</sup> (µg/L)                               | 0,10   | < 0,025         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| MCPA <sup>2</sup> (µg/L)                                  | 0,10   | < 0,050         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Metalaxil <sup>2</sup> (µg/L)                             | 0,10   | < 0,06          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Metolaclo <sup>2</sup> (µg/L)                             | 0,10   | < 0,06          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Ometoato <sup>2</sup> (µg/L)                              | 0,10   | < 0,050         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Oxamil <sup>2</sup> (µg/L)                                | 0,10   | < 0,01          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Simazina <sup>2</sup> (µg/L)                              | 0,10   | < 0,060         | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Terbutilazina <sup>2</sup> (µg/L)                         | 0,10   | < 0,07          | ---    | 0                          | 100%                | 1                   | 1          | 100%                  |

Nota 1: Zona de Abastecimento controlada: ZA1 - Zona de Abastecimento de Sobral de Monte Agraço [Pontos de amostragem: Patameira de Cima (casa particular - Rua do Bairro Novo); Refeitório da Câmara Municipal (Sobral de Monte Agraço); Sabugos (casa particular - Rua 25 de Abril); Moitelas (café - Avenida Principal); Seramena (café - Rua 25 de Abril); Abadia (casa particular - Rua 25 de Abril)].

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora em alta: EPAL.

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

O Presidente da Câmara, José Alberto Quintino, Ene:

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