

INFORMAÇÃO SOBRE QUALIDADE DA ÁGUA N.º 4 / 2018

Resultados do Controlo de Qualidade da Água fornecida aos utilizadores do Concelho do Fundão

3º Trimestre do Ano de 2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor na **ZA Atalaia/ Zebras**, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR) e efetuado pelo laboratório CESAB.

| Parâmetro (unidades) | Valor Paramétrico (VP) fixado no DL 306/2007 | Valores Obtidos | | N.º Análises Superiores ao V.P | % Cumprimento do VP | N. Análises | | % Análises Realizadas |
|------------------------------------|--|-----------------|--------|--------------------------------|---------------------|-------------|------------|-----------------------|
| | | Mínimo | Máximo | | | Agendadas | Realizadas | |
| Escherichia Coli (N/100ml) | 0 | 0 | 0 | 0 | 100% | 3 | 3 | 100% |
| Bactérias Coliformes (N/100ml) | 0 | 0 | 0 | 0 | 100% | 3 | 3 | 100% |
| Desinfectante residual (mg Cl2/L) | --- | 0,11 | 0,22 | --- | --- | 3 | 3 | 100% |
| Alumínio (µg Al/L) | 200 | 48 | 48 | 0 | 100% | 1 | 1 | 100% |
| Amónio (mg NH4/L) | 0,50 | <0,050 | <0,050 | 0 | 100% | 1 | 1 | 100% |
| N.ºColónias 22°C (N/ml a 22°C) | s/ alter. anormal | N.D. | N.D. | --- | --- | 1 | 1 | 100% |
| N.ºColónias 36°C (N/ml a 36°C) | s/ alter. anormal | N.D. | N.D. | --- | --- | 1 | 1 | 100% |
| Condutividade (µS/cm, a 20 °C) | 2500 | 184 | 184 | 0 | 100% | 1 | 1 | 100% |
| Clostridium perfringens (N/100ml) | 0 | 0 | 0 | 0 | 100% | 1 | 1 | 100% |
| Cor (mg PtCo/L) | 20 | <5 | <5 | 0 | 100% | 1 | 1 | 100% |
| pH (E. Sorensen) | ≥6,5 e ≤9,5 | 7,2 | 7,2 | 0 | 100% | 1 | 1 | 100% |
| Ferro (µg Fe/L) | 200 | 19 | 19 | 0 | 100% | 1 | 1 | 100% |
| Manganês (µg Mn/L) | 50 | 33 | 33 | 0 | 100% | 1 | 1 | 100% |
| Nitrato ¹ (mg NO3/L) | 50 | | <4 | 0 | 100% | 1 | 1 | 100% |
| Nitrito (mg NO2/L) | 0,50 | <0,020 | <0,020 | 0 | 100% | 1 | 1 | 100% |
| Oxidabilidade (mg O2/L) | 5,0 | 3,1 | 3,1 | 0 | 100% | 1 | 1 | 100% |
| Cheiro, a 25°C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 1 | 1 | 100% |
| Sabor, a 25°C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 1 | 1 | 100% |
| Turvação (UNT) | 4 | <0,3 | <0,3 | 0 | 100% | 1 | 1 | 100% |
| Antimónio (µg Sb/L) | 5,0 | --- | --- | --- | --- | 0 | 0 | --- |
| Arsénio (µg As/L) | 10 | --- | --- | --- | --- | 0 | 0 | --- |
| Benzeno (µg/L) | 1,0 | --- | --- | --- | --- | 0 | 0 | --- |
| Benzo(a)pireno (µg/L) | 0,010 | <0,002 | <0,002 | 0 | 100% | 1 | 1 | 100% |
| Boro (mg B/L) | 1,0 | --- | --- | --- | --- | 0 | 0 | --- |
| Bromato (µg BrO3/L) | 10 | --- | --- | --- | --- | 0 | 0 | --- |
| Cádmio (µg Cd/L) | 5,0 | --- | --- | --- | --- | 0 | 0 | --- |
| Cálcio (mg Ca/L) | --- | 26 | 26 | --- | --- | 1 | 1 | 100% |
| Chumbo (µg Pb/L) | 10 | <3 | <3 | 0 | 100% | 1 | 1 | 100% |

| | | | | | | | | |
|--|--------------------------|-------------------|-------------------|-----|------|-----|-----|------|
| Cianeto (µg CN/L) | 50 | --- | --- | --- | --- | 0 | 0 | --- |
| Cobre (mg Cu/L) | 2,0 | <0,010 | <0,010 | 0 | 100% | 1 | 1 | 100% |
| Crómio (µg Cr/L) | 50 | --- | --- | --- | --- | 0 | 0 | --- |
| 1,2-Dicloroetano (µg/L) | 3,0 | --- | --- | --- | --- | 0 | 0 | --- |
| Dureza Total (mg CaCO3/L) | --- | 69 | 69 | --- | --- | 1 | 1 | 100% |
| Enterococos fecais (N/100ml) | 0 | 0 | 0 | 0 | 100% | 1 | 1 | 100% |
| Fluoreto (mg F/L) | 1,5 | --- | --- | --- | --- | 0 | 0 | --- |
| Magnésio (mg Mg/L) | --- | 1,2 | 1,2 | --- | --- | 1 | 1 | 100% |
| Merúrio (µg Hg/L) | 1,0 | --- | --- | --- | --- | 0 | 0 | --- |
| Níquel (µg Ni/L) | 20 | <5 | <5 | 0 | 100% | 1 | 1 | 100% |
| Selénio (µg Se/L) | 10 | --- | --- | --- | --- | 0 | 0 | --- |
| Cloreto (mg Cl/L) | 250 | --- | --- | --- | --- | 0 | 0 | --- |
| Sódio (mg Na/L) | 200 | --- | --- | --- | --- | 0 | 0 | --- |
| Sulfato (mg SO4/L) | 250 | --- | --- | --- | --- | 0 | 0 | --- |
| Carbono Orgânico Total (mg C/L) | Sem alter. anormal | --- | --- | --- | --- | 0 | 0 | --- |
| Soma de Tetracloroetano e Tricloroetano (µg/L) | 10 | --- | --- | --- | --- | --- | --- | --- |
| Tetracloroetano (µg/L) | --- | --- | --- | --- | --- | 0 | 0 | --- |
| Tricloroetano (µg/L) | --- | --- | --- | --- | --- | 0 | 0 | --- |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L) | 0,10 | <0,005 (Maior LQ) | <0,005 (Maior LQ) | 0 | 100% | 1 | 1 | --- |
| 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 Totais (µg/L) | 100 | 44 | 44 | 0 | 100% | 1 | 1 | --- |
| Clorofórmio (µg/L) | --- | 37 | 37 | --- | --- | 1 | 1 | 100% |
| Bromofórmio (µg/L) | --- | <3 | <3 | --- | --- | 1 | 1 | 100% |
| Bromodiclorometano (µg/L) | --- | 7 | 7 | --- | --- | 1 | 1 | 100% |
| Dibromoclorometano (µg/L) | --- | <3 | <3 | --- | --- | 1 | 1 | 100% |
| Dose Indicativa (mSv/ano) | 0,10 | --- | --- | --- | --- | 0 | 0 | --- |
| Alfa-total (Bq/L) | 0,10 (Nível verificação) | --- | --- | --- | --- | 0 | 0 | --- |
| β-Total (Bq/L) | 1,0 (Nível verificação) | --- | --- | --- | --- | 0 | 0 | --- |
| Radão (Bq/L) | 500 | <10,0 | <10,0 | 0 | 100% | 1 | 1 | 100% |
| Pesticidas Totais (µg/L) | 0,50 | --- | --- | --- | --- | 0 | 0 | --- |

Notas: L.Q. - Limite de Quantificação; N.D. - Não Detetado; ¹: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas do Vale do Tejo)

Causas do Incumprimento: não foram detetados incumprimentos.

Medidas corretivas implementadas: não foram detetados incumprimentos.

Fundão, 03 de dezembro de 2018

A Chefe do Serviço



Maria do Rosário Polido