

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, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1.º TRIMESTRE 2018
01 janeiro a
31 março

| Parâmetro (unidades) | Valor Paramétrico (VP) fixado no DL 306/2007 | 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% | 3 | 3 | 100% |
| Bactérias coliformes (N/100 ml) | 0 | 0 | 0 | 0 | 100% | 3 | 3 | 100% |
| Desinfetante residual (mg/L) | --- | 0,23 | 0,8 | --- | --- | 3 | 3 | 100% |
| Alumínio (µg/L Al) | 200 | 13 | 16 | 0 | 100% | 2 | 2 | 100% |
| Amónio (mg/L NH ₄) | 0,50 | <0,05 | <0,05 | 0 | 100% | 2 | 2 | 100% |
| Número de colónias a 22 °C (N/ml) | Sem alteração anormal | 0 | 1 | --- | --- | 2 | 2 | 100% |
| Número de colónias a 37 °C (N/ml) | Sem alteração anormal | 0 | 0 | --- | --- | 2 | 2 | 100% |
| Condutividade (µS/cm a 20°C) | 2500 | 80 | 86 | 0 | 100% | 2 | 2 | 100% |
| Clostridium perfringens (N/100ml) | 0 | 0 | 0 | 0 | 100% | 2 | 2 | 100% |
| Cor (mg/L PtCo) | 20 | <3 | <3 | 0 | 100% | 2 | 2 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9 | 6,8 | 7,3 | 0 | 100% | 2 | 2 | 100% |
| Ferro (µg/L Fe) | 200 | 0 | 0 | --- | --- | 0 | 0 | --- |
| Manganês (µg/L Mn) | 50 | <5 | <5 | 0 | 100% | 2 | 2 | 100% |
| Nitratos (mg/L NO ₃) ₂ | 50 | <10 | <10 | 0 | 100% | 3 | 3 | 100% |
| Nitritos (mg/L NO ₂) | 0,5 | 0 | 0 | --- | --- | 0 | 0 | --- |
| Oxidabilidade (mg/L O ₂) | 5 | 1,7 | 2,8 | 0 | 100% | 2 | 2 | 100% |
| Cheiro a 25°C (Factor de diluição) | 3 | <1 | <1 | 0 | 100% | 2 | 2 | 100% |
| Sabor a 25°C (Factor de diluição) | 3 | <1 | <1 | 0 | 100% | 2 | 2 | 100% |
| Turvação (NTU) | 4 | <1 | <1 | 0 | 100% | 2 | 2 | 100% |
| Antimónio (µg/L Sb) ₂ | 5 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Arsénio (µg/L As) ₂ | 10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Benzeno (µg/L) ₂ | 1,0 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Benzo(a)pireno (µg/L) | 0,010 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Boro (mg/L B) ₂ | 1,0 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Bromatos (µg/L BrO ₃) ₂ | 10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Cádmio (µg/L Cd) ₂ | 5,0 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Cálcio (mg/L Ca) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Chumbo (µg/L Pb) | 25 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Cianetos (µg/L CN) ₂ | 50 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Cobre (mg/L Cu) | 2,0 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Crómio (µg/L Cr) ₂ | 50 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/L) ₂ | 3,0 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Dureza total (mg/L CaCO ₃) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Enterococos (N/100 mL) | 0 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Fluoretos (mg/L F) ₂ | 1,5 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Magnésio (mg/L Mg) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Mercúrio (µg/L Hg) ₂ | 1 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Níquel (µg/L Ni) | 20 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Selénio (µg/L Se) ₂ | 10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Cloretos (mg/L Cl) ₂ | 250 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Sódio (mg/L Na) ₂ | 200 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Sulfatos (mg/L SO ₄) ₂ | 250 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Carbono Orgânico Total (mg/L C) | Sem alteração anormal | 0 | 0 | --- | --- | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/L): ₂ | 10 | 0 | 0 | 0 | --- | --- | --- | --- |
| Tetracloroetano(µg/L) ₂ | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Tricloroetano(µg/L) ₂ | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L): | 0,10 | 0 | 0 | 0 | --- | --- | --- | --- |
| Benzo(b)fluoranteno (µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno(µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Trihalometanos - total (µg/L): | 100 | 0 | 0 | 0 | --- | --- | --- | --- |
| Clorofórmio(µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Bromofórmio(µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Bromodiorometano(µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Dibromoclorometano(µg/L) | --- | 0 | 0 | --- | --- | 0 | 0 | --- |
| Pesticidas - total (µg/L) | 0,50 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Atrazina (µg/L) | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Desetilatrazina (µg/L) | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Desetilterbutilazina (µg/L) | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Diurão(µg/L) | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Linurão (µg/L) | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Tebuconazol (µg/L) ₂ | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Alfa-Total (Bq/l) ₂ | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Beta-Total (Bq/l) ₂ | 1,00 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Dose Indicativa(mSv/ano) ₂ | 0,10 | 0 | 0 | 0 | --- | 0 | 0 | --- |
| Radão (Bq/l) | 500,00 | 0 | 0 | 0 | --- | 0 | 0 | --- |

NOTA 1: Zonas de Abastecimento controladas: ZA de Armamar. Freguesias de: Armamar, Aldeias, S. Cosmado, S. Martinho das Chãs, St.º Cruz, Queimada, Queimadela, Fontelo, Folgosa, Vacalar, União de Freguesias de S. Romão e Santiago, União de Freguesias de Vila Seca e St.º Adrião, União de Freguesias de Arçera e Goujoim.

NOTA 2: Parâmetro conservativo analisado pela entidade gestora em alta: Águas do Norte do seu edital do 1º trimestre de 2018 do PE em Alta: Armamar-Lumiares.

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

João Paulo Fonseca (Presidente)

14/04/2018