

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 2016

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%                | 2                   | 2          | 100%                  |
| Bactérias coliformes (N/100 ml)                 | 0  | 0               | 0      | 0                          | 100%                | 2                   | 2          | 100%                  |
| Desinfetante residual (mg/L)                    | ---  | 0,31            | 0,36   | ---                        | ---                 | 2                   | 2          | 100%                  |
| Alumínio (µg/L Al)                              | 200  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Amónio (mg/L NH <sub>4</sub> )                  | 0,50   | <0,05           | <0,05  | 0                          | 100%                | 1                   | 1          | 100%                  |
| Número de colónias a 22 °C (N/ml)               | Sem alteração anormal                        | 0               | 0      | ---                        | ---                 | 1                   | 1          | 100%                  |
| Número de colónias a 37 °C (N/ml)               | Sem alteração anormal                        | 0               | 0      | ---                        | ---                 | 1                   | 1          | 100%                  |
| Condutividade (µS/cm a 20°C)                    | 2500   | 81              | 81     | 0                          | 100%                | 1                   | 1          | 100%                  |
| Clostridium perfringens (N/100ml)               | 0  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Cor (mg/L PtCo)                                 | 20   | <3              | <3     | 0                          | 100%                | 1                   | 1          | 100%                  |
| pH (Unidades pH)                                | ≥6,5 e ≤9                                    | 5,8             | 5,8    | 1                          | 0%                  | 1                   | 1          | 100%                  |
| Ferro (µg/L Fe)                                 | 200  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Manganês (µg/L Mn)                              | 50   | 47,5            | 47,5   | 0                          | 100%                | 1                   | 1          | 100%                  |
| Nitratos (mg/L NO <sub>3</sub> )                | 50   | 14,5            | 14,5   | 0                          | 100%                | 1                   | 1          | 100%                  |
| Nitritos (mg/L NO <sub>2</sub> )                | 0,5  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Oxidabilidade (mg/L O <sub>2</sub> )            | 5  | 1,1             | 1,1    | 0                          | 100%                | 1                   | 1          | 100%                  |
| Cheiro a 25°C (Factor de diluição)              | 3  | 3               | 3      | 0                          | 100%                | 1                   | 1          | 100%                  |
| Sabor a 25°C (Factor de diluição)               | 3  | <1              | <1     | 0                          | 100%                | 1                   | 1          | 100%                  |
| Turvação (NTU)                                  | 4  | <1              | <1     | 0                          | 100%                | 1                   | 1          | 100%                  |
| Antimónio (µg/L Sb)                             | 5  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Arsénio (µg/L As)                               | 10   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Benzeno (µg/L)                                  | 1,0  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Benzo(a)pireno (µg/L)                           | 0,010  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Boro (mg/L B)                                   | 1,0  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Bromatos (µg/L BrO <sub>3</sub> )               | 10   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Cádmio (µg/L Cd)                                | 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)                              | 50   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Cobre (mg/L Cu)                                 | 2,0  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Crómio (µg/L Cr)                                | 50   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| 1,2 - dicloroetano (µg/L)                       | 3,0  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Dureza total (mg/L CaCO <sub>3</sub> )          | ---  | 0               | 0      | ---                        | ---                 | 0                   | 0          | ---                   |
| Enterococos (N/100 mL)                          | 0  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Fluoretos (mg/L F)                              | 1,5  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Magnésio (mg/L Mg)                              | ---  | 0               | 0      | ---                        | ---                 | 0                   | 0          | ---                   |
| Mercúrio (µg/L Hg)                              | 1  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Níquel (µg/L Ni)                                | 20   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Selénio (µg/L Se)                               | 10   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Cloretos (mg/L Cl)                              | 250  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Sódio (mg/L Na)                                 | 200  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Sulfatos (mg/L SO <sub>4</sub> )                | 250  | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Carbono Orgânico Total (mg/L C)                 | Sem alteração anormal                        | 0               | 0      | ---                        | ---                 | 0                   | 0          | ---                   |
| Tetracloroetano e Tricloroetano (µg/L):         | 10   | 0               | 0      | 0                          | ---                 | ---                 | ---        | ---                   |
| Tetracloroetano(µg/L)                           | ---  | 0               | 0      | ---                        | ---                 | 0                   | 0          | ---                   |
| Tricloroetano(µg/L)                             | ---  | 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          | ---                   |
| Bromodichlorometano(µg/L)                       | ---  | 0               | 0      | ---                        | ---                 | 0                   | 0          | ---                   |
| Dibromoclorometano(µg/L)                        | ---  | 0               | 0      | ---                        | ---                 | 0                   | 0          | ---                   |
| Pesticidas - total (µg/L)                       | 0,50   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Pesticida 1 (µg/L)                              | 0,10   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Pesticida 2 (µg/L)                              | 0,10   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Pesticida 3 (µg/L)                              | 0,10   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |
| Pesticida 4 (µg/L)                              | 0,10   | 0               | 0      | 0                          | ---                 | 0                   | 0          | ---                   |

NOTA 1: Zonas de abastecimento controladas: ZA do Fontanário de S. Domingos. Freguesia de Fontelo - Monte de São Domingos.

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): O valor de pH é característico da água bruta.

João Paulo Fonseca (Presidente)

26-04-2016