

| CÂMARA MUNICIPAL DE PALMELA  |   | CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO<br>NO PONTO DE ENTREGA DO PENTEADO, NO CONCELHO DE PALMELA |        |                                  |                        | 1º TRIMESTRE 2019        |            |                             |
|--|---|--|--------|----------------------------------|------------------------|--------------------------|------------|-----------------------------|
| Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei nº152/2017, 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). |   |  |        |                                  |                        | 01 Janeiro a<br>31 Março |            |                             |
| Parâmetro (unidades)   | Valor Paramétrico (VP)<br>fixado no DL 306/2007,<br>incluindo alterações<br>introduzidas pelo DL<br>152/2017) | Valores obtidos  |        | N.º Análises<br>superiores<br>VP | % Cumprimento<br>do VP | N.º Análises (PCQA)      |            | %<br>Análises<br>Realizadas |
|  |   | Mínimo   | Máximo |                                  |                        | Agendadas                | Realizadas |                             |
| <i>Escherichia coli</i> (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)   | ---   | 0,3  | 0,4    | 0                                | 100%                   | 2                        | 2          | 100%                        |
| Alumínio (µg/L Al)   | 200   | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Azoto Amoniacal (mg/L NH <sub>4</sub> )  | 0,50  | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Número de colónias a 22 °C (N/ml)  | Sem alteração anormal   | <1   | <1     | ---                              | 100%                   | 1                        | 1          | 100%                        |
| Número de colónias a 37 °C (N/ml)  | Sem alteração anormal   | <1   | <1     | ---                              | 100%                   | 1                        | 1          | 100%                        |
| Condutividade (µS/cm a 20°C)   | 2500  | 280  | 280    | 0                                | 100%                   | 1                        | 1          | 100%                        |
| <i>Clostridium perfringens</i> (N/100ml)   | 0   | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Cor (mg/L PtCo)  | 20  | <2   | <2     | 0                                | 100%                   | 1                        | 1          | 100%                        |
| pH (Unidades pH)   | ≥6,5 e ≤9   | 7,5  | 7,5    | 0                                | 100%                   | 1                        | 1          | 100%                        |
| Ferro (µg/L Fe)  | 200   | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Manganês (µg/L Mn)   | 50  | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Nitratos <sup>-</sup> (mg/L NO <sub>3</sub> )  | 50  | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Nitritos (mg/L NO <sub>2</sub> )   | 0,5   | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Oxidabilidade (mg/L O <sub>2</sub> )   | 5   | ---  | ---    | ---                              | ---                    | ---                      | ---        | ---                         |
| Cheiro a 25°C (Factor de diluição)   | 3   | <1   | <1     | 0                                | 100%                   | 1                        | 1          | 100%                        |
| Sabor a 25°C (Factor de diluição)  | 3   | <1   | <1     | 0                                | 100%                   | 1                        | 1          | 100%                        |

|   |                       |      |      |   |      |   |   |      |
|---|-----------------------|------|------|---|------|---|---|------|
| Turvação (NTU)                                  | 4                     | <0,5 | <0,5 | 0 | 100% | 1 | 1 | 100% |
| Antimónio (µg/L Sb)                             | 5                     | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Arsénio (µg/L As)                               | 10                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Benzeno (µg/L)                                  | 1,0                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Benzo(a)pireno (µg/L)                           | 0,010                 | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Boro (mg/L B)                                   | 1,0                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Bromatos (µg/L BrO <sub>3</sub> )               | 10                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Cádmio (µg/L Cd)                                | 5,0                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Cálcio (mg/L Ca)                                | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Chumbo (µg/L Pb)                                | 10                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Cianetos (µg/L CN)                              | 50                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Cobre (mg/L Cu)                                 | 2,0                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Crómio (µg/L Cr)                                | 50                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| 1,2 – dicloroetano (µg/L)                       | 3,0                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Dureza total (mg/L CaCO <sub>3</sub> )          | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Enterococos (N/100 mL)                          | 0                     | 0    | 0    | 0 | 100% | 1 | 1 | 100% |
| Fluoretos (mg/L F)                              | 1,5                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Magnésio (mg/L Mg)                              | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Mercúrio (µg/L Hg)                              | 1                     | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Níquel (µg/L Ni)                                | 20                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Selénio (µg/L Se)                               | 10                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Cloretos (mg/L Cl)                              | 250                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Sódio (mg/L Na)                                 | 200                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Sulfatos (mg/L SO <sub>4</sub> )                | 250                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Carbono Orgânico Total (mg/L C)                 | Sem alteração anormal | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Tetracloroetano e Tricloroetano (µg/L):         | 10                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Tetracloroetano(µg/L)                           | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Tricloroetano(µg/L)                             | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Hidrocarbonetos Aromáticos Policíclicos (µg/L): | 0,10                  | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Benzo(b)fluoranteno (µg/L)                      | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Benzo(k)fluoranteno (µg/L)                      | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Benzo(ghi)perileno (µg/L)                       | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Indeno(1,2,3-cd)pireno(µg/L)                    | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Trihalometanos - total (µg/L):                  | 80                    | ---  | ---  | 0 | ---  | 0 | 0 | ---  |
| Clorofórmio(µg/L)                               | ---                   | ---  | ---  | 0 | ---  | 0 | 0 | ---  |

|                                |      |     |     |     |     |     |     |     |
|--------------------------------|------|-----|-----|-----|-----|-----|-----|-----|
| Bromofórmio(µg/L)              | ---  | --- | --- | 0   | --- | 0   | 0   | --- |
| Bromodichlorometano(µg/L)      | ---  | --- | --- | 0   | --- | 0   | 0   | --- |
| Dibromochlorometano(µg/L)      | ---  | --- | --- | 0   | --- | 0   | 0   | --- |
| Pesticidas – total (µg/L)      | 0,50 | --- | --- | 0   | --- | 0   | 0   | --- |
| Desetil-terbutilazina (µg/L)   | 0,10 | --- | --- | 0   | --- | 0   | 0   | --- |
| Alacloro (µg/L)                | 0,10 | --- | --- | 0   | --- | 0   | 0   | --- |
| Bentazona (µg/L)               | 0,10 | --- | --- | 0   | --- | 0   | 0   | --- |
| Terbutilazina (µg/L)           | 0,10 | --- | --- | 0   | --- | 0   | 0   | --- |
| Radão (Bq/L)                   | 500  | --- | --- | --- | --- | --- | --- | --- |
| Alpha total (Bq/L)             | 0,1  | --- | --- | --- | --- | --- | --- | --- |
| Beta total (Bq/L)              | 1    | --- | --- | --- | --- | --- | --- | --- |
| Dose Indicativa total (mSv/yr) | 0,10 | --- | --- | --- | --- | --- | --- | --- |
|                                |      |     |     |     |     |     |     |     |

**NOTA 1: Zonas de abastecimento controladas: PENTEADO**

**NOTA 2: Parâmetro (conservativo) analisado pela entidade gestora em alta (CM PALMELA)**

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

O presidente: (nome e assinatura)

Data da publicação: