

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente, a Entidade Reguladora dos Serviços de Águas e Resíduos (ERSAR).

| Parâmetro (unidades)                             | Valor Paramétrico (VP) | Valores Obtidos |        | N.º Análises<br>superiores VP | %    | N.º Análises (PCQA) |            | % Análises<br>Realizadas |
|--------------------------------------------------|------------------------|-----------------|--------|-------------------------------|------|---------------------|------------|--------------------------|
|                                                  |                        | Mínimo          | Máximo |                               |      | Agendadas           | Realizadas |                          |
| <i>Escherichia coli</i> (N/100 ml)               | 0                      | 0               | 0      | 0                             | 100% | 1                   | 1          | 100%                     |
| Bactérias coliformes (N/100 ml)                  | 0                      | 0               | 0      | 0                             | 100% | 1                   | 1          | 100%                     |
| Desinfetante residual (mg/L)                     | ---                    | 0,46            | 0,46   | ---                           | ---  | 1                   | 1          | 100%                     |
| Alumínio (µg/L Al)                               | 200                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cheiro a 25°C (Fator de diluição)                | 3                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| <i>Clostridium perfringens</i> (N/100ml)         | 0                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Condutividade (µS/cm a 20°C)                     | 2500                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cor (mg/L PtCo)                                  | 20                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Enterococos (N/100 mL)                           | 0                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Ferro (µg/L Fe)                                  | 200                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Manganês (µg/L Mn)                               | 50                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Número de colónias a 22 °C (N/ml)                | Sem alteração anormal  | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| pH (Unidades pH)                                 | ≥6,5 e ≤9,5            | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Sabor a 25°C (Fator de diluição)                 | 3                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Turvação (NTU)                                   | 4                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| 1,2 – dicloroetano (µg/L) <sup>(3)</sup>         | 3                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Amónio (mg/L NH <sub>4</sub> )                   | 0,50                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Antimónio (µg/L Sb) <sup>(3)</sup>               | 10                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Arsénio (µg/L As) <sup>(3)</sup>                 | 10                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Benzeno (µg/L) <sup>(3)</sup>                    | 1                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Benzo(a)pireno (µg/L)                            | 0,01                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Boro (mg/L B) <sup>(3)</sup>                     | 1,5                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Bromatos (µg/L BrO <sub>3</sub> ) <sup>(3)</sup> | 10                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cádmio (µg/L Cd) <sup>(3)</sup>                  | 5                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cálcio (mg/L Ca)                                 | ---                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Chumbo (µg/L Pb)                                 | 10                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cianetos (µg/L CN) <sup>(3)</sup>                | 50                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cloratos (mg/L ClO <sub>3</sub> )                | 0,25                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cloretos (mg/L Cl) <sup>(3)</sup>                | 250                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cloritos (mg/L ClO <sub>2</sub> )                | 0,25                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Cobre (mg/L Cu)                                  | 2                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Crómio (µg/L Cr)                                 | 50                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Dureza total (mg/L CaCO <sub>3</sub> )           | ---                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Fluoretos (mg/L F) <sup>(3)</sup>                | 1,5                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Magnésio (mg/L Mg)                               | ---                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Mercurio (µg/L Hg) <sup>(3)</sup>                | 1                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Níquel (µg/L Ni)                                 | 20                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Nitratos (mg/L NO <sub>3</sub> ) <sup>(3)</sup>  | 50                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Nitritos (mg/L NO <sub>2</sub> )                 | 0,50                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Oxidabilidade (mg/L O <sub>2</sub> )             | 5                      | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Potássio (mg/L K)                                | Sem alteração anormal  | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Selénio (µg/L Se) <sup>(3)</sup>                 | 20                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Sódio (mg/L Na) <sup>(3)</sup>                   | 200                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Sulfatos (mg/L SO <sub>4</sub> ) <sup>(3)</sup>  | 250                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Tetracloroetano e Tricloroetano (µg/L):          | 10                     | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Tetracloroetano(µg/L) <sup>(3)</sup>             | ---                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Tricloroetano(µg/L) <sup>(3)</sup>               | ---                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| 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)                         | ---                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Dibromoclorometano(µg/L)                         | ---                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Pesticidas – total (µg/L) <sup>(3)</sup>         | 0,50                   | <0,10           | <0,10  | 0                             | 100% | 1                   | 1          | 100%                     |
| Alacloro (µg/L) <sup>(3)</sup>                   | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| AMPA (µg/L) <sup>(3)</sup>                       | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Bentazona (µg/L) <sup>(3)</sup>                  | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Clorpirifos (µg/L) <sup>(3)</sup>                | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Desetilsimazina (µg/L) <sup>(3)</sup>            | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Desetilterbutilazina (µg/L) <sup>(3)</sup>       | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Dimetenamida-P (µg/L) <sup>(3)</sup>             | 0,10                   | <0,030          | <0,030 | 0                             | 100% | 1                   | 1          | 100%                     |
| Dimetoato (µg/L) <sup>(3)</sup>                  | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Diurão (µg/L) <sup>(3)</sup>                     | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Gilfosato (µg/L) <sup>(3)</sup>                  | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Imidaclopride (µg/L) <sup>(3)</sup>              | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| M656PH051 (µg/L) <sup>(3)</sup>                  | 0,10                   | <0,030          | <0,030 | 0                             | 100% | 1                   | 1          | 100%                     |
| MCPA (µg/L) <sup>(3)</sup>                       | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Metalaxil (µg/L) <sup>(2)</sup>                  | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Metolaclo (µg/L) <sup>(3)</sup>                  | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Metribuzina (µg/L) <sup>(3)</sup>                | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Ometoato (µg/L) <sup>(3)</sup>                   | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Simazina (µg/L) <sup>(3)</sup>                   | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Terbutilazina (µg/L) <sup>(3)</sup>              | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| 2,4-D <sup>(2)</sup>                             | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Alfa total (Bq/L) <sup>(3)</sup>                 | 0,10 <sup>(4)</sup>    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Beta Total (Bq/L) <sup>(3)</sup>                 | 1,0                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Dose indicativa total (mSv/L) <sup>(3)</sup>     | 0,10                   | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |
| Radão (Bq/L)                                     | 500                    | ---             | ---    | ---                           | ---  | ---                 | ---        | ---                      |

**NOTAS:**

(1) Zonas de abastecimento controladas: Origem AdDP-Lever Norte, Visalto, Alvre, Casconha, Castromil, Devesa, Gandra, Parada, Povar, Recarei, Santa Comba, Santo Amaro, Sarnada, Senande, Urbanização "O Ninho", Vilar.

(2) Parâmetro (conservativo) analisado pela entidade gestora em alta AdDP - Águas do Douro e Paiva, SA.

(3) Parâmetro (conservativo) analisado pela entidade gestora em alta AdDP - Águas do Douro e Paiva, SA e pela entidade gestora em baixa SMAS de Paredes.

(4) Níveis de verificação (alerta)

**Definições:**

**Controlo de Rotina:** tem como objetivo fornecer regularmente informações sobre a qualidade organolética e microbiológica da água destinada ao consumo humano, bem como sobre a eficácia dos tratamentos existentes, especialmente a desinfecção, tendo em vista determinar a conformidade da água com os valores paramétricos estabelecidos no Decreto-Lei n.º 69/2023, de 21 de agosto;

**Controlo de Inspeção:** tem como objetivo obter as informações necessárias para verificar o cumprimento dos valores paramétricos do o Decreto-Lei n.º 69/2023, de 21 de agosto;

**Conservativos:** parâmetros em relação aos quais não há alterações desfavoráveis entre o ponto de entrega em alta e as torneiras dos consumidores, estando, neste caso, a EG em baixa dispensada de efetuar o seu controlo analítico.

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

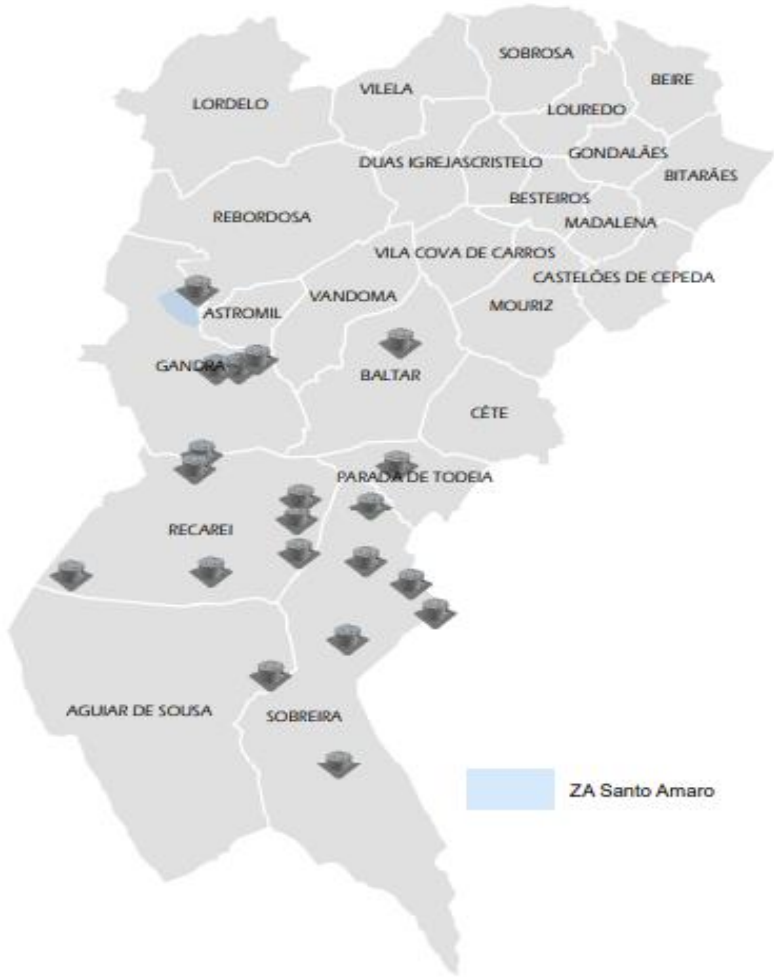
Durante o período em análise, não se registaram incumprimentos.

Para informação mais detalhada sobre estes resultados, por favor dirija-se ao nosso serviço de atendimento.

Responsável da Qualidade da Água: Mariana Frada

Data de publicação no website: 2025-02-14

MAPA DA ZONA DE ABASTECIMENTO:



INFORMAÇÃO COMPLEMENTAR:

(%) DE ANÁLISES CONFORMES

|                              | 4.º Trimestre |            | Anual (acumulado) |            |
|------------------------------|---------------|------------|-------------------|------------|
|                              | Previstas no  | Realizadas | Previstas no      | Realizadas |
| N.º de análises realizadas** | 6             | 6          | 103               | 103        |
| % de análises realizadas     | 100%          |            | 100%              |            |
| N.º de incumprimentos**      | 0             |            | 0                 |            |
| % de resultados conformes    | 100%          |            | 100%              |            |

\*\* não inclui contabilização de parâmetros conservativos.

