



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2024

Zona de Abastecimento: Barreiros

| Parâmetro | Valor | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | N.º de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|--|------------------|-----------------|---------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | Paramétrico (VP) | Mínimo | Máximo | | | | Previstas | Realizadas | |
| Escherichia coli (E. Coli) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Desinfetante residual (mg/l) | --- | 0,72 | 0,92 | --- | --- | 6 | 1 | 1 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Sabor a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | 7,1 | 7,1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Condutividade a 20 °C (µS/cm) | 2500 | 79,3 | 79,3 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cor (mg/l PtCo) | 20 | <3 | <3 | 0 | 100% | 2 | 1 | 1 | 100% |
| Turvação (NTU) | 4 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Enterococos (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 2 | 1 | 1 | 100% |
| Número de colónias a 22 °C (N/ml) | --- | 7 | 7 | --- | --- | 2 | 1 | 1 | 100% |
| Clostridium perfringens (N/100 ml) | 0 | 0 | 0 | 0 | 100% | 1 | 1 | 1 | 100% |
| Alumínio (µg/l Al) | 200 | 20,1 | 20,1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Amónio (mg/l NH ₄) | 0,50 | <0,05 | <0,05 | 0 | 100% | 1 | 1 | 1 | 100% |
| Antimónio (µg/l Sb) | 10 | <1 | <1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Arsénio (µg/l As) | 10 | 2,6 | 2,6 | 0 | 100% | 1 | 1 | 1 | 100% |
| Benzeno (µg/l) | 1,0 | <0,20 | <0,20 | 0 | 100% | 1 | 1 | 1 | 100% |
| Benzo(a)pireno (µg/l) | 0,010 | <0,0030 | <0,0030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Boro (mg/l B) | 1,5 | <0,010 | <0,010 | 0 | 100% | 1 | 1 | 1 | 100% |
| Bromatos (µg/l BrO ₃) | 10 | <3 | <3 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cádmio (µg/l Cd) | 5,0 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cálcio (mg/l Ca) | --- | 15,7 | 15,7 | --- | --- | 1 | 1 | 1 | 100% |
| Cianetos (µg/l CN) | 50 | <10 | <10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cloratos (mg/l) | 0,25 | <0,08 | <0,08 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cloretos (mg/l Cl) | 250 | 11,4 | 11,4 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cloritos (mg/l) | 0,25 | <0,02 | <0,02 | 0 | 100% | 1 | 1 | 1 | 100% |
| Chumbo (µg/l Pb) | 10 | 2,2 | 2,2 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cobre (mg/l Cu) | 2,0 | 0,0116 | 0,0116 | 0 | 100% | 1 | 1 | 1 | 100% |
| Crómio (µg/l Cr) | 50 | <1 | <1 | 0 | 100% | 1 | 1 | 1 | 100% |
| 1,2 – dicloroetano (µg/l) | 3,0 | <0,750 | <0,750 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dureza total (mg/l CaCO ₃) | --- | 40,2 | 40,2 | --- | --- | 1 | 1 | 1 | 100% |
| Ferro (µg/l Fe) | 200 | <60 | <60 | 0 | 100% | 1 | 1 | 1 | 100% |
| Fluoretos (mg/l F) | 1,5 | <0,20 | <0,20 | 0 | 100% | 1 | 1 | 1 | 100% |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | <0,0200 | <0,0200 | 0 | 100% | 1 | 1 | 1 | 100% |
| Benzo(b)fluoranteno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Benzo(k)fluoranteno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Benzo(ghi)perileno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Magnésio (mg/l Mg) | --- | 0,24 | 0,24 | --- | --- | 1 | 1 | 1 | 100% |
| Manganês (µg/l Mn) | 50 | 17 | 17 | 0 | 100% | 1 | 1 | 1 | 100% |
| Nitratos (mg/l NO ₃) | 50 | 3,7 | 3,7 | 0 | 100% | 1 | 1 | 1 | 100% |
| Nitritos (mg/l NO ₂) | 0,50 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Mercúrio (µg/l Hg) | 1,0 | <0,0100 | <0,0100 | 0 | 100% | 1 | 1 | 1 | 100% |
| Níquel (µg/l Ni) | 20 | <2 | <2 | 0 | 100% | 1 | 1 | 1 | 100% |
| Oxidabilidade (mg/l O ₂) | 5,0 | <1 | <1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Potássio (mg/l K) | --- | <0,05 | <0,05 | --- | --- | 1 | 1 | 1 | 100% |
| Selénio (µg/l Se) | 20 | <1 | <1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Sódio (mg/l Na) | 200 | 7,02 | 7,02 | 0 | 100% | 1 | 1 | 1 | 100% |
| Sulfatos (mg/l SO ₄) | 250 | <10 | <10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | <0,20 | <0,20 | 0 | 100% | 1 | 1 | 1 | 100% |
| Tetracloroetano (µg/l) | --- | <0,20 | <0,20 | --- | --- | 1 | 1 | 1 | 100% |
| Tricloroetano (µg/l) | --- | <0,10 | <0,10 | --- | --- | 1 | 1 | 1 | 100% |
| Trihalometanos - total (THM) (µg/l) | 100 | 3,29 | 3,29 | 0 | 100% | 1 | 1 | 1 | 100% |
| Clorofórmio (µg/l) | --- | 0,64 | 0,64 | --- | --- | 1 | 1 | 1 | 100% |
| Bromofórmio (µg/l) | --- | 0,64 | 0,64 | --- | --- | 1 | 1 | 1 | 100% |
| Bromodichlorometano (µg/l) | --- | 0,72 | 0,72 | --- | --- | 1 | 1 | 1 | 100% |
| Dibromoclorometano (µg/l) | --- | 1,29 | 1,29 | --- | --- | 1 | 1 | 1 | 100% |
| Pesticidas - total (µg/l) | 0,50 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Bentazona (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Clorpirifos (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilterbutilazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100 | 1 | 1 | 1 | 100% |
| Dimetoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diurão (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metolacloiro (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Ometoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100 | 1 | 1 | 1 | 100% |
| Desetilsimazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metribuzina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dimetenamida-P (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metabolito M656PH051 (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Alfa total (Bq/l) | 0,1 | <0,04 | <0,04 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dose indicativa (mSv) | 0,10 | <0,1 | <0,1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Radão (Bq/l) | 500 | 38,6 | 38,6 | 0 | 100% | 1 | 1 | 1 | 100% |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03.12.2024

Slima



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: Pinheiro-Gouveia

| Parâmetro | Valor Paramétrico (VP) | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | N.º de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------------|-----------------|--------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Desinfetante residual (mg/l) | --- | 0,78 | 0,78 | --- | --- | 6 | 1 | 1 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Sabor a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Condutividade a 20 °C (µS/cm) | 2500 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Cor (mg/l PtCo) | 20 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Turvação (NTU) | 4 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Enterococos (UFC/100 ml) | 0 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Número de colónias a 22 °C (N/ml) | --- | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Arsénio (µg/l As) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hydrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercúrio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodiorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromodiorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilterbutilazina (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diurão (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metolacloro (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ometoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetenamida-P (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metabolito M656PH051 (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Radão (Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

Slims



Dados do Controlo da Qualidade da  gua para Consumo Humano
no Concelho de Marco de Canaveses

3  TRIMESTRE

Em conformidade com o Decreto-Lei n.  69/2023, de 21 de agosto, procedeu-se   verifica  o da
qualidade da  gua da rede p blica, atrav s de an lises per dicas na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da  gua (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: Juncal

| Par metro | Valor | Valores obtidos | | N.  An lises superiores VP | % Cumprimento do VP | N.  de an lises PCQA | N.  An lises no trimestre | | % An lises Realizadas |
|---|------------------|-----------------|--------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | Param trico (VP) | M nimo | M ximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 2 | 2 | 100% |
| Bact rias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 2 | 2 | 100% |
| Desinfetante residual (mg/l) | --- | 0,46 | 0,61 | --- | --- | 6 | 2 | 2 | 100% |
| Cheiro a 25  C (Fator de dilui  o) | 3 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Sabor a 25  C (Fator de dilui  o) | 3 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| pH (Unidades pH) |  6,5 e  9,5 | 7,6 | 7,6 | 0 | 100% | 2 | 1 | 1 | 100% |
| Condutividade a 20  C ( S/cm) | 2500 | 90,4 | 90,4 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cor (mg/l PtCo) | 20 | <3 | <3 | 0 | 100% | 2 | 1 | 1 | 100% |
| Turva  o (NTU) | 4 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Enterococos (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 2 | 1 | 1 | 100% |
| N mero de col nias a 22  C (N/ml) | --- | 24 | 24 | --- | --- | 2 | 1 | 1 | 100% |
| Ars nio ( g/l As) | 10 | 3,3 | 3,3 | 0 | 100% | 2 | 1 | 1 | 100% |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alum nio ( g/L Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Am nio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antim nio ( g/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno ( g/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno ( g/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos ( g/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| C dmio ( g/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| C lcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos ( g/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo ( g/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cr mio ( g/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano ( g/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro ( g/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hidrocarbonetos Arom ticos Polic clicos (HAP) ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magn sio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mangan s ( g/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| N tritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Merc rio ( g/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| N quel ( g/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pot ssio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sel nio ( g/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| S dio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano ( g/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) ( g/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorof rmio ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromof rmio ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodichlorometano ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromoclorometano ( g/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total ( g/l) | 0,50 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Bentazona ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilterbutilazina ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetoato ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diur o ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metolacloro ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ometoato ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina ( g/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetenamida-P ( g/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metabolito M656PH051 ( g/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Rad o (Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informa  o complementar relativa   averigua  o das situa  es de incumprimento dos VP: N o foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Respons vel: Sandra Lima

Data da publica  o: 3/12/2024

03. Dez. 2024

Slimes.



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2024

Zona de Abastecimento: Magrelos

| Parâmetro | Valor Paramétrico (VP) | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | N.º de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|--|------------------------|-----------------|--------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (E. Coli) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 2 | 2 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 2 | 2 | 100% |
| Desinfetante residual (mg/l) | --- | 0,41 | 0,48 | --- | --- | 6 | 2 | 2 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Sabor a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Condutividade a 20 °C (µS/cm) | 2500 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Cor (mg/l PtCo) | 20 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Turvação (NTU) | 4 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Enterococos (UFC/100 ml) | 0 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Número de colónias a 22 °C (N/ml) | --- | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Arsénio (µg/l As) | --- | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Urânio 234 (Bq/l) | --- | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Urânio 238 (Bq/l) | --- | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Rádio 226 (Bq/l) | --- | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| Polónio 210 (Bq/l) | --- | --- | --- | --- | --- | 2 | 0 | 0 | --- |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alumínio (µg/l Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hydrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercúrio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diurão (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metolaclo (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ometoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetenamida-P (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metabolito M656PH051 (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Radão (Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

Silva



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: Montedeiras

| Parâmetro | Valor | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | N.º de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|--|------------------|-----------------|---------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | Paramétrico (VP) | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (E. Coli) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Desinfetante residual (mg/l) | --- | 0,49 | 0,79 | --- | --- | 12 | 3 | 3 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 4 | 1 | 1 | 100% |
| Sabor a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 4 | 1 | 1 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | 7,6 | 7,6 | 0 | 100% | 4 | 1 | 1 | 100% |
| Condutividade a 20 °C (µS/cm) | 2500 | 111,0 | 111,0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Cor (mg/l PtCo) | 20 | <3 | <3 | 0 | 100% | 4 | 1 | 1 | 100% |
| Turvação (NTU) | 4 | <1 | <1 | 0 | 100% | 4 | 1 | 1 | 100% |
| Enterococos (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Número de colónias a 22 °C (N/ml) | --- | 0 | 0 | --- | --- | 4 | 1 | 1 | 100% |
| Arsénio (µg/l As) | 10 | 3,8 | 3,8 | 0 | 100% | 4 | 1 | 1 | 100% |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | 0 | 0 | 0 | 100% | 1 | 1 | 1 | 100% |
| Alumínio (µg/L Al) | 200 | 95 | 95 | 0 | 100% | 1 | 1 | 1 | 100% |
| Amónio (mg/l NH ₄) | 0,50 | <0,05 | <0,05 | 0 | 100% | 1 | 1 | 1 | 100% |
| Antimónio (µg/l Sb) | 10 | <1,0 | <1,0 | 0 | 100% | 1 | 1 | 1 | 100% |
| Benzeno (µg/l) | 1,0 | <0,20 | <0,20 | 0 | 100% | 1 | 1 | 1 | 100% |
| Benzo(a)pireno (µg/l) | 0,010 | <0,0030 | <0,0030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Boro (mg/l B) | 1,5 | <0,010 | <0,010 | 0 | 100% | 1 | 1 | 1 | 100% |
| Bromatos (µg/l BrO ₃) | 10 | <3,0 | <3,0 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cádmio (µg/l Cd) | 5,0 | <0,08 | <0,08 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cálcio (mg/l Ca) | --- | 6,7 | 6,7 | --- | --- | 1 | 1 | 1 | 100% |
| Cianetos (µg/l CN) | 50 | <10 | <10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cloratos (mg/l) | 0,25 | <0,08 | <0,08 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cloretos (mg/l Cl) | 250 | <10 | <10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cloritos (mg/l) | 0,25 | <0,02 | <0,02 | 0 | 100% | 1 | 1 | 1 | 100% |
| Chumbo (µg/l Pb) | 10 | <1 | <1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Cobre (mg/l Cu) | 2,0 | 0,007 | 0,007 | 0 | 100% | 1 | 1 | 1 | 100% |
| Crómio (µg/l Cr) | 50 | <3 | <3 | 0 | 100% | 1 | 1 | 1 | 100% |
| 1,2 - dicloroetano (µg/l) | 3,0 | <0,750 | <0,750 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dureza total (mg/l CaCO ₃) | --- | 23,2 | 23,2 | --- | --- | 1 | 1 | 1 | 100% |
| Ferro (µg/l Fe) ⁽¹⁾ | 200 | 300 | 300 | 1 | 0% | 1 | 1 | 1 | 100% |
| Fluoretos (mg/l F) | 1,5 | <0,20 | <0,020 | 0 | 100% | 1 | 1 | 1 | 100% |
| Hydrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | <0,0200 | <0,0200 | 0 | 100% | 1 | 1 | 1 | 100% |
| Benzo(b)fluoranteno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Benzo(k)fluoranteno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Benzo(ghi)perileno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 1 | 1 | 1 | 100% |
| Magnésio (mg/l Mg) | 50 | 1,6 | 1,6 | --- | --- | 1 | 1 | 1 | 100% |
| Manganês (µg/l Mn) | 50 | 4,7 | 4,7 | 0 | 100% | 1 | 1 | 1 | 100% |
| Nitratos (mg/l NO ₃) | 50 | 1,9 | 1,9 | 0 | 100% | 1 | 1 | 1 | 100% |
| Nitritos (mg/l NO ₂) | 0,50 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Mercurio (µg/l Hg) | 1,0 | <0,0100 | <0,0100 | 0 | 100% | 1 | 1 | 1 | 100% |
| Níquel (µg/l Ni) | 20 | <2 | <2 | 0 | 100% | 1 | 1 | 1 | 100% |
| Potássio (mg/l K) | --- | <2,5 | <2,5 | --- | --- | 1 | 1 | 1 | 100% |
| Oxidabilidade (mg/l O ₂) | 5,0 | <1 | <1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Selénio (µg/l Se) | 20 | <2 | <2 | 0 | 100% | 1 | 1 | 1 | 100% |
| Sódio (mg/l Na) | 200 | 10,1 | 10,1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Sulfatos (mg/l SO ₄) | 250 | <10 | <10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | <0,20 | <0,20 | 0 | 100% | 1 | 1 | 1 | 100% |
| Tetracloroetano (µg/l) | --- | <0,20 | <0,20 | --- | --- | 1 | 1 | 1 | 100% |
| Tricloroetano (µg/l) | --- | <0,10 | <0,10 | --- | --- | 1 | 1 | 1 | 100% |
| Trihalometanos - total (THM) (µg/l) | 100 | 9,01 | 9,01 | 0 | 100% | 1 | 1 | 1 | 100% |
| Clorofórmio (µg/l) | --- | 2,4 | 2,4 | --- | --- | 1 | 1 | 1 | 100% |
| Bromofórmio (µg/l) | --- | 0,94 | 0,94 | --- | --- | 1 | 1 | 1 | 100% |
| Bromodichlorometano (µg/l) | --- | 2,62 | 2,62 | --- | --- | 1 | 1 | 1 | 100% |
| Dibromochlorometano (µg/l) | --- | 3,05 | 3,05 | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | <0,0300 | <0,0300 | 0 | 100% | 1 | 1 | 1 | 100% |
| Desetilterbutilazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dimetoato (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Diurão (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| MCPA (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metolaclo (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Terbutilazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Ometoato (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Imidaclopride (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dimetenamida-P (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metabolito M656PH051 (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Alfa total (Bq/l) | 0,1 | <0,04 | <0,04 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dose indicativa (mSv) | 0,10 | <0,1 | <0,1 | 0 | 100% | 1 | 1 | 1 | 100% |
| Radão (Bq/l) | 500 | <10 | <10 | 0 | 100% | 1 | 1 | 1 | 100% |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Ferro - Incumprimento devido à migração dos materiais de construção da rede predial.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

Slima



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: Outeiro, Légua e Toutosa

| Parâmetro | Valor | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | N.º de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------|-----------------|--------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | Paramétrico (VP) | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (E. Coli) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Desinfetante residual (mg/l) | --- | 0,27 | 0,75 | --- | --- | 12 | 3 | 3 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | < 1 | < 1 | 0 | 100% | 4 | 1 | 1 | 100% |
| Sabor a 25 °C (Fator de diluição) | 3 | < 1 | < 1 | 0 | 100% | 4 | 1 | 1 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | 8,1 | 8,1 | 0 | 100% | 4 | 1 | 1 | 100% |
| Condutividade a 20 °C (µS/cm) | 2500 | 225 | 225 | 0 | 100% | 4 | 1 | 1 | 100% |
| Cor (mg/l PtCo) | 20 | < 3,0 | < 3,0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Turvação (NTU) | 4 | < 1,0 | < 1,0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Enterococos (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Número de colónias a 22 °C (N/ml) | --- | 0 | 0 | --- | --- | 4 | 1 | 1 | 100% |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | 0 | 0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Alumínio (µg/l Al) | 200 | 13,9 | 13,9 | 0 | 100% | 4 | 1 | 1 | 100% |
| Manganês (µg/l Mn) | 50 | <4 | <4 | 0 | 100% | 4 | 1 | 1 | 100% |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) ^(a) | 10 | <0,5 | <0,5 | 0 | 100% | --- | --- | --- | --- |
| Arsénio (µg/l As) ^(a) | 10 | 3,3 | 3,3 | 0 | 100% | --- | --- | --- | --- |
| Benzeno (µg/l) ^(a) | 1,0 | <0,20 | <0,20 | 0 | 100% | --- | --- | --- | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) ^(a) | 1,5 | 0,011 | 0,011 | 0 | 100% | --- | --- | --- | --- |
| Bromatos (µg/l BrO ₃) ^(a) | 10 | <2 | <2 | 0 | 100% | --- | --- | --- | --- |
| Cádmio (µg/l Cd) ^(a) | 5,0 | <0,5 | <0,5 | 0 | 100% | --- | --- | --- | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) ^(a) | 50 | <5 | <5 | 0 | 100% | --- | --- | --- | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) ^(a) | 250 | 17 | 17 | 0 | 100% | --- | --- | --- | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) ^(a) | 3,0 | <0,750 | <0,750 | 0 | 100% | --- | --- | --- | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) ^(a) | 1,5 | <0,120 | <0,120 | 0 | 100% | --- | --- | --- | --- |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) ^(a) | 50 | 4,2 | 4,2 | 0 | 100% | --- | --- | --- | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercurio (µg/l Hg) ^(a) | 1,0 | <0,10 | <0,10 | 0 | 100% | --- | --- | --- | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) ^(a) | 20 | <0,5 | <0,5 | 0 | 100% | --- | --- | --- | --- |
| Sódio (mg/l Na) ^(a) | 200 | 12 | 12 | 0 | 100% | --- | --- | --- | --- |
| Sulfatos (µg/l SO ₄) ^(a) | 250 | 32 | 32 | 0 | 100% | --- | --- | --- | --- |
| Tetracloroetano e Tricloroetano (µg/l) ^(a) | 10 | <0,20 | <0,20 | 0 | 100% | --- | --- | --- | --- |
| Tetracloroetano (µg/l) ^(a) | --- | <0,20 | <0,20 | --- | --- | --- | --- | --- | --- |
| Tricloroetano (µg/l) ^(a) | --- | <0,10 | <0,10 | --- | --- | --- | --- | --- | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromoclorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) ^(a) | 0,50 | <0,050 | <0,050 | 0 | 100% | --- | --- | --- | --- |
| Alacloro (µg/l) ^(a) | 0,10 | --- | --- | --- | --- | --- | --- | --- | --- |
| Bentazona (µg/l) ^(a) | 0,10 | --- | --- | --- | --- | --- | --- | --- | --- |
| Clorpirifos (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Desetiltterbutilazina (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Dimetoato (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Diurão (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| MCPA (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Metalaxil (µg/l) ^(a) | 0,10 | --- | --- | --- | --- | --- | --- | --- | --- |
| Metolaclo (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Terbutilazina (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Ometoato (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Imidaclopride (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Simazina (µg/l) ^(a) | 0,10 | --- | --- | --- | --- | --- | --- | --- | --- |
| Desetilsimazina (µg/l) ^(a) | 0,10 | --- | --- | --- | --- | --- | --- | --- | --- |
| Glifosato (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Metribuzina (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Dimetenamida-P (µg/l) ^(a) | 0,10 | <0,030 | <0,030 | 0 | 100% | --- | --- | --- | --- |
| Alfa total (Bq/l) ^(a) | 0,1 | <0,04 | <0,04 | 0 | 100% | --- | --- | --- | --- |
| Dose indicativa (mSv) ^(a) | 0,10 | <0,10 | <0,10 | 0 | 100% | --- | --- | --- | --- |

^(a) O parâmetro (conservativo) é analisado pela entidade gestora em alta (Águas do Norte, S.A.).

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03 Dez. 2024

Slima.



Dados do Controlo da Qualidade da Água para Consumo Humano no Concelho de Marco de Canaveses

3º TRIMESTRE

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 na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2024

Zona de Abastecimento: Paços de Galo

| Parâmetro | Valor | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | Nº de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------|-----------------|--------|----------------------------|---------------------|---------------------|---------------------------|------------|-----------------------|
| | Paramétrico (VP) | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 2 | 2 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 2 | 2 | 100% |
| Desinfetante residual (mg/l) | --- | 0,35 | 0,48 | --- | --- | 6 | 2 | 2 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sabor a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Condutividade a 20 °C (µS/cm) | 2500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cor (mg/l PtCo) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Turvação (NTU) | 4 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Enterococos (UFC/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Número de colónias a 22 °C (N/ml) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Arsénio (µg/l As) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercúrio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodiclorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromoclorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilterbutilazina (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diurão (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metolaclo (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ometoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetenamida-P (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metabolito M656PH051 (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Radão (Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

Sandra



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: Piares

| Parâmetro | Valor Paramétrico (VP) | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | N.º de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------------|-----------------|--------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Desinfetante residual (mg/l) | --- | 0,60 | 0,60 | --- | --- | 6 | 1 | 1 | 100% |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cheiro a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sabor a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Condutividade a 20 °C (µS/cm) | 2500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cor (mg/l PtCo) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Turvação (NTU) | 4 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Enterococos (UFC/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Número de colónias a 22 °C (N/ml) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Arsénio (µg/l As) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercúrio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromochlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilterbutilazina (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diurão (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metolaclo (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ometoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetenamida-P (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metabolito M656PH051 (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Radão (Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

Slima.



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: S. Salvador

| Parâmetro | Valor | Valores obtidos | | N.º Análises superiores VP | % Cumprimento | Nº de análises | N.º Análises no | | % Análises |
|---|-------------|-----------------|---------|----------------------------|---------------|----------------|-----------------|------------|------------|
| | Paramétrico | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Desinfetante residual (mg/l) | --- | <0,16 | <0,16 | --- | --- | 6 | 1 | 1 | 100% |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cheiro a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Sabor a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | --- | --- | --- |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Condutividade a 20 °C (µS/cm) | 2500 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cor (mg/l PtCo) | 20 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Turvação (NTU) | 4 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Enterococos (UFC/100 ml) | 0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Número de colónias a 22 °C (N/ml) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Radão (Bq/l) | 500 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Urânio 234 (Bq/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Urânio 238 (Bq/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Rádio 226 (Bq/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Polónio 210 (Bq/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Arsénio (µg/l As) | 10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | --- | --- | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Merúrio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Bromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Dibromochlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | --- | --- | --- |
| Pesticidas - total (µg/l) | 0,50 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | --- | --- | --- |
| Clorpirifos (µg/l) | 0,10 | <0,0300 | <0,0300 | 0 | 100% | 1 | 1 | 1 | 100% |
| Desetilterbutilazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dimetoato (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Diurão (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| MCPA (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metolaclo (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Terbutilazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Ometoato (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Imidaclopride (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Simazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Desetilsimazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metribuzina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dimetenamida-P (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metabolito M656PH051 (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

Slima



Dados do Controlo da Qualidade da Água para Consumo Humano no Concelho de Marco de Canaveses

3º TRIMESTRE

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 na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2024

Zona de Abastecimento: Sande e Penhalonga

| Parâmetro | Valor Paramétrico (VP) | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | Nº de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------------|-----------------|--------|----------------------------|---------------------|---------------------|---------------------------|------------|-----------------------|
| | | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Desinfetante residual (mg/l) | --- | 0,42 | 0,50 | --- | --- | 12 | 3 | 3 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 4 | 1 | 1 | 100% |
| Sabor a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 4 | 1 | 1 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | 6,6 | 6,6 | 0 | 100% | 4 | 1 | 1 | 100% |
| Condutividade a 20 °C (µS/cm) | 2500 | <44,6 | <44,6 | 0 | 100% | 4 | 1 | 1 | 100% |
| Cor (mg/l PtCo) | 20 | <3,0 | <3,0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Turvação (NTU) | 4 | <1,0 | <1,0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Enterococos (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Número de colónias a 22 °C (N/ml) | --- | 0 | 0 | --- | --- | 4 | 1 | 1 | 100% |
| Arsénio (µg/l As) | 10 | 8,0 | 8 | 0 | 100% | 4 | 1 | 1 | 100% |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alumínio (µg/l Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercúrio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilterbutilazina (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diurão (µg/L) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metolaclo (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Omatoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetenamida-P (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metabolito M656PH051 (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Radão (Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03 Dez. 2024

Slimy



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: Soalhões

| Parâmetro | Valor Paramétrico (VP) | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | Nº de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------------|-----------------|--------|----------------------------|---------------------|---------------------|---------------------------|------------|-----------------------|
| | | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 12 | 3 | 3 | 100% |
| Desinfetante residual (mg/l) | --- | 0,61 | 0,78 | --- | --- | 12 | 3 | 3 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 4 | 1 | 1 | 100% |
| Sabor a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 4 | 1 | 1 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | 6,9 | 6,9 | 0 | 100% | 4 | 1 | 1 | 100% |
| Condutividade a 20 °C (µS/cm) | 2500 | 60,2 | 60,2 | 0 | 100% | 4 | 1 | 1 | 100% |
| Cor (mg/l PtCo) | 20 | <3,0 | <3,0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Turvação (NTU) | 4 | <1,0 | <1,0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Enterococos (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 4 | 1 | 1 | 100% |
| Número de colónias a 22 °C (N/ml) | --- | 0 | 0 | --- | --- | 4 | 1 | 1 | 100% |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Amónio (mg/l NH ₄) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Arsénio (µg/l As) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercurio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilterbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Diurão (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| MCPA (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metolaclo (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Terbutilazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ometoato (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Imidaclopride (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dimetenamida-P (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metabolito M656PH051 (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Radão (Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03 Dez. 2024

Slima.



**Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses**

3º TRIMESTRE

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 na torneira do consumidor,
segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade
competente (ERSAR)

2024

Zona de Abastecimento: Tâmega

| Parâmetro | Valor Paramétrico (VP) | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | Nº de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------------|-----------------|---------|----------------------------|---------------------|---------------------|---------------------------|------------|-----------------------|
| | | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 48 | 12 | 12 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 48 | 12 | 12 | 100% |
| Desinfetante residual (mg/l) | --- | <0,16 | 0,32 | --- | --- | 48 | 12 | 12 | 100% |
| Alumínio (µg/L Al) | 200 | 23 | 121 | 0 | 100% | 13 | 3 | 3 | 100% |
| Cheiro a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 13 | 3 | 3 | 100% |
| Sabor a 25 °C (Fator de diluição) | 3 | <1 | <1 | 0 | 100% | 13 | 3 | 3 | 100% |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | 6,7 | 7,6 | 0 | 100% | 13 | 3 | 3 | 100% |
| Condutividade a 20 °C (µS/cm) | 2500 | 109 | 138 | 0 | 100% | 13 | 3 | 3 | 100% |
| Cor (mg/l PtCo) | 20 | <3,0 | 3,3 | 0 | 100% | 13 | 3 | 3 | 100% |
| Turvação (NTU) | 4 | <1 | <1 | 0 | 100% | 13 | 3 | 3 | 100% |
| Enterococos (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 13 | 3 | 3 | 100% |
| Número de colónias a 22 °C (N/ml) | --- | 0 | 0 | --- | --- | 13 | 3 | 3 | 100% |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | 0 | 0 | 0 | 100% | 13 | 3 | 3 | 100% |
| Amónio (mg/l NH ₄) | 0,50 | <0,05 | <0,05 | 0 | 100% | 2 | 1 | 1 | 100% |
| Antimónio (µg/l Sb) | 10 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Arsénio (µg/l As) | 10 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Benzeno (µg/l) | 1,0 | <0,20 | <0,20 | 0 | 100% | 2 | 1 | 1 | 100% |
| Benzo(a)pireno (µg/l) | 0,010 | <0,0030 | <0,0030 | 0 | 100% | 2 | 1 | 1 | 100% |
| Boro (mg/l B) | 1,5 | <0,010 | <0,010 | 0 | --- | 2 | 1 | 1 | 100% |
| Bromatos (µg/l BrO ₃) | 10 | <3 | <3 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cádmio (µg/l Cd) | 5,0 | <0,10 | <0,10 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cálcio (mg/l Ca) | --- | 14,5 | 14,5 | --- | --- | 2 | 1 | 1 | 100% |
| Cianetos (µg/l CN) | 50 | <10 | <10 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cloratos (mg/l) | 0,25 | <0,08 | <0,08 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cloretos (mg/l Cl) | 250 | <10 | <10 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cloritos (mg/l) | 0,25 | <0,02 | <0,02 | 0 | 100% | 2 | 1 | 1 | 100% |
| Chumbo (µg/l Pb) | 10 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Cobre (mg/l Cu) | 2,0 | 0,002 | 0,002 | 0 | 100% | 2 | 1 | 1 | 100% |
| Crómio (µg/l Cr) | 50 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| 1,2 - dicloroetano (µg/l) | 3,0 | <0,750 | <0,750 | --- | --- | 2 | 1 | 1 | --- |
| Dureza total (mg/l CaCO ₃) | --- | 39 | 39 | --- | --- | 2 | 1 | 1 | 100% |
| Ferro (µg/l Fe) | 200 | <60 | <60 | 0 | 100% | 2 | 1 | 1 | 100% |
| Fluoretos (mg/l F) | 1,5 | <0,20 | <0,20 | 0 | 100% | 2 | 1 | 1 | 100% |
| Hydrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | <0,0200 | <0,0200 | 0 | 100% | 2 | 1 | 1 | 100% |
| Benzo(b)fluoranteno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 2 | 1 | 1 | 100% |
| Benzo(k)fluoranteno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 2 | 1 | 1 | 100% |
| Benzo(ghi)perileno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 2 | 1 | 1 | 100% |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | <0,0200 | <0,0200 | --- | --- | 2 | 1 | 1 | 100% |
| Magnésio (mg/l Mg) | --- | 0,7 | 0,7 | --- | --- | 2 | 1 | 1 | 100% |
| Manganês (µg/l Mn) | 50 | 7,44 | 7,44 | 0 | 100% | 2 | 1 | 1 | 100% |
| Nitratos (mg/l NO ₃) | 50 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Nitritos (mg/l NO ₂) | 0,50 | <0,10 | <0,10 | 0 | 100% | 2 | 1 | 1 | 100% |
| Mercúrio (µg/l Hg) | 1,0 | <0,0100 | <0,0100 | 0 | 100% | 2 | 1 | 1 | 100% |
| Níquel (µg/l Ni) | 20 | <2 | <2 | 0 | 100% | 2 | 1 | 1 | 100% |
| Oxidabilidade (mg/l O ₂) | 5,0 | 1,6 | 1,6 | 0 | 100% | 2 | 1 | 1 | 100% |
| Potássio (mg/l K) | --- | 1,61 | 1,61 | --- | 100% | 1 | 1 | 1 | 100% |
| Selénio (µg/l Se) | 20 | <1 | <1 | 0 | 100% | 2 | 1 | 1 | 100% |
| Sódio (mg/l Na) | 200 | 8,71 | 8,71 | 0 | 100% | 2 | 1 | 1 | 100% |
| Sulfatos (mg/l SO ₄) | 250 | <10 | <10 | 0 | 100% | 2 | 1 | 1 | 100% |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | <0,20 | <0,20 | 0 | 100% | 2 | 1 | 1 | 100% |
| Tetracloroetano (µg/l) | --- | <0,20 | <0,20 | --- | --- | 2 | 1 | 1 | 100% |
| Tricloroetano (µg/l) | --- | <0,10 | <0,10 | --- | --- | 2 | 1 | 1 | 100% |
| Trihalometanos - total (THM) (µg/l) | 100 | <0,20 | <0,20 | 0 | 100% | 2 | 1 | 1 | 100% |
| Clorofórmio (µg/l) | --- | 0,15 | 0,15 | --- | --- | 2 | 1 | 1 | 100% |
| Bromofórmio (µg/l) | --- | <0,20 | <0,20 | --- | --- | 2 | 1 | 1 | 100% |
| Bromodichlorometano (µg/l) | --- | <0,10 | <0,10 | --- | --- | 2 | 1 | 1 | 100% |
| Dibromodichlorometano (µg/l) | --- | <0,10 | <0,10 | --- | --- | 2 | 1 | 1 | 100% |
| Pesticidas - total (µg/l) | 0,50 | <0,10 | <0,10 | --- | --- | 2 | 1 | 1 | 100% |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 2 | --- | --- | --- |
| Clorpirifos (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Desetilterbutilazina (µg/L) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Dimetoato (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Diurão (µg/L) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| MCPA (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Metolaclo (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Terbutilazina (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Ometoato (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Imidaclopride (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 2 | --- | --- | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 2 | --- | --- | --- |
| Metribuzina (µg/l) | 0,10 | <0,03 | <0,03 | --- | --- | 2 | 1 | 1 | 100% |
| Dimetenamida-P (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 2 | 1 | 1 | 100% |
| Metabolito M656PH051 (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 2 | 1 | 1 | 100% |
| Alfa total (Bq/l) | 0,1 | <0,04 | <0,04 | 0 | 100% | 2 | 1 | 1 | 100% |
| Dose indicativa (mSv) | 0,10 | <0,1 | <0,1 | 0 | 100% | 2 | 1 | 1 | 100% |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

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Dados do Controlo da Qualidade da Água para Consumo Humano
no Concelho de Marco de Canaveses

3º TRIMESTRE

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 na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2024

Zona de Abastecimento: Vila Boa de Quires

| Parâmetro | Valor Paramétrico (VP) | Valores obtidos | | N.º Análises superiores VP | % Cumprimento do VP | N.º de análises PCQA | N.º Análises no trimestre | | % Análises Realizadas |
|---|------------------------|-----------------|---------|----------------------------|---------------------|----------------------|---------------------------|------------|-----------------------|
| | | Mínimo | Máximo | | | | Previstas | Realizadas | |
| <i>Escherichia coli</i> (<i>E. Coli</i>) (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Bactérias coliformes (UFC/100 ml) | 0 | 0 | 0 | 0 | 100% | 6 | 1 | 1 | 100% |
| Desinfetante residual (mg/l) | --- | 0,97 | 0,97 | --- | --- | 6 | 1 | 1 | 100% |
| Alumínio (µg/L Al) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cheiro a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sabor a 25 °C (Fator de diluição) | 3 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| pH (Unidades pH) | ≥6,5 e ≤9,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Condutividade a 20 °C (µS/cm) | 2500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cor (mg/l PtCo) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Turvação (NTU) | 4 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Enterococos (UFC/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Número de colónias a 22 °C (N/ml) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Ferro (µg/l Fe) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Manganês (µg/l Mn) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitratos (mg/l NO ₃) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| <i>Clostridium perfringens</i> (N/100 ml) | 0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Alfa total (Bq/l) | 0,1 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dose indicativa (mSv) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Urânio 234 (Bq/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Urânio 238 (Bq/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Rádio 226 (Bq/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Polónio 210 (Bq/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Amónio (mg/l NH ₄) | 0,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Antimónio (µg/l Sb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Arsénio (µg/l As) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzeno (µg/l) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(a)pireno (µg/l) | 0,010 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Boro (mg/l B) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromatos (µg/l BrO ₃) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cádmio (µg/l Cd) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cálcio (mg/l Ca) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cianetos (µg/l CN) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloratos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloretos (mg/l Cl) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cloritos (mg/l) | 0,25 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Chumbo (µg/l Pb) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Cobre (mg/l Cu) | 2,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Crómio (µg/l Cr) | 50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| 1,2 - dicloroetano (µg/l) | 3,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dureza total (mg/l CaCO ₃) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Fluoretos (mg/l F) | 1,5 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Hydrocarbonetos Aromáticos Policíclicos (HAP) (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(b)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(k)fluoranteno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Benzo(ghi)perileno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Indeno(1,2,3-cd)pireno (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Magnésio (mg/l Mg) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Nitritos (mg/l NO ₂) | 0,50 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Mercúrio (µg/l Hg) | 1,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Níquel (µg/l Ni) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Oxidabilidade (mg/l O ₂) | 5,0 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Potássio (mg/l K) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Selénio (µg/l Se) | 20 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sódio (mg/l Na) | 200 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Sulfatos (mg/l SO ₄) | 250 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano e Tricloroetano (µg/l) | 10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tetracloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Tricloroetano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Trihalometanos - total (THM) (µg/l) | 100 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromofórmio (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Bromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Dibromodichlorometano (µg/l) | --- | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Pesticidas - total (µg/l) | 0,50 | <0,10 | <0,10 | 0 | 100% | 1 | 1 | 1 | 100% |
| Bentazona (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Clorpirifos (µg/l) | 0,10 | <0,0300 | <0,0300 | 0 | 100% | 1 | 1 | 1 | 100% |
| Desetilterbutilazina (µg/L) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dimetoato (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Diurão (µg/L) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| MCPA (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metolaclo (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Terbutilazina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Ometoato (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Imidaclopride (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Simazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Desetilsimazina (µg/l) | 0,10 | --- | --- | --- | --- | 1 | 0 | 0 | --- |
| Metribuzina (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Dimetenamida-P (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 1 | 1 | 1 | 100% |
| Metabolito M656PH051 (µg/l) | 0,10 | <0,030 | <0,030 | 0 | 100% | 2 | 1 | 1 | 100% |
| Radão(Bq/l) | 500 | --- | --- | --- | --- | 1 | 0 | 0 | --- |

Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não foram registados incumprimentos dos VP neste trimestre para esta Zona de Abastecimento.

Responsável: Sandra Lima

Data da publicação: 3/12/2024

03. Dez. 2024

Silma.