



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

2º 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 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%	6	1	1	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	6	1	1	100%
Desinfetante residual (mg/l)	---	0,50	0,50	---	---	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 <sub>4</sub> )	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 <sub>3</sub> )	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 <sub>3</sub> )	---	---	---	---	---	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 <sub>3</sub> )	50	---	---	---	---	1	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	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 <sub>2</sub> )	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 <sub>4</sub> )	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: 16.09.2024 Slims



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

2º 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	2	2	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	6	2	2	100%
Desinfetante residual (mg/l)	---	0,41	0,50	---	---	6	2	2	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	6,5	6,5	0	100%	2	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	113	113	0	100%	2	1	1	100%
Cor (mg/l PtCo)	20	< 3,0	< 3,0	0	100%	2	1	1	100%
Turvação (NTU)	4	< 1,0	< 1,0	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)	---	0	0	---	---	2	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 <sub>4</sub> )	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 <sub>3</sub> )	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 <sub>3</sub> )	---	---	---	---	---	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 <sub>3</sub> )	50	---	---	---	---	1	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	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 <sub>2</sub> )	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 <sub>4</sub> )	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%
Desetilerbutilazina (µg/l)	0,10	---	---	---	---	1	0	0	---
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	---	---	---	---	1	0	0	---
Metolaclo (µg/l)	0,10	< 0,010	< 0,010	0	100%	1	1	1	100%
Terbutilazina (µg/l)	0,10	---	---	---	---	1	0	0	---
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	---	---	---	---	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 de publicação: 16.09.2024 Seims





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

2º 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: Juncal**

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)	---	0,80	0,80	---	---	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	---
Arsénio (µg/l As)	10	---	---	---	---	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 <sub>4</sub> )	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 <sub>3</sub> )	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 <sub>3</sub> )	---	---	---	---	---	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 <sub>3</sub> )	50	---	---	---	---	1	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	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 <sub>2</sub> )	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 <sub>4</sub> )	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	---
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: 16.09.2024 *Slima*



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

2º 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	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%	6	1	1	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	6	1	1	100%
Desinfetante residual (mg/l)	---	0,45	0,45	---	---	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) <sup>(1)</sup>	≥6,5 e ≤9,5	5,4	5,4	1	---	2	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	103	103	0	100%	2	1	1	100%
Cor (mg/l PtCo)	20	< 3,0	< 3,0	0	100%	2	1	1	100%
Turvação (NTU)	4	< 1,0	< 1,0	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)	---	0	0	---	---	2	1	1	100%
Arsénio (µg/l As)	---	< 3,0	< 3,0	0	100%	2	1	1	100%
Alfa total (Bq/l) <sup>(2)</sup>	0,1	0,20	0,20	1	0%	2	1	1	100%
Dose indicativa (mSv)	0,10	< 0,10	< 0,10	0	100%	2	1	1	100%
Urânio 234 (Bq/l)	---	0,03	0,03	---	---	2	1	1	100%
Urânio 238 (Bq/l)	---	0,03	0,03	---	---	2	1	1	100%
Rádio 226 (Bq/l)	---	0,23	0,23	---	---	2	1	1	100%
Polónio 210 (Bq/l)	---	0,03	0,03	---	---	2	1	1	100%
<i>Clostridium perfringens</i> (N/100 ml)	0	0	0	0	100%	1	1	1	100%
Alumínio (µg/l Al)	200	54	54	0	100%	1	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	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 <sub>3</sub> )	10	< 5,0	< 5,0	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)	---	3,5	3,5	---	---	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	< 10,0	< 10,0	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	< 1,0	< 1,0	0	100%	1	1	1	100%
Cobre (mg/l Cu)	2,0	0,018	0,018	0	100%	1	1	1	100%
Crómio (µg/l Cr)	50	< 3,0	< 3,0	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 <sub>3</sub> )	---	9,6	9,6	---	---	1	1	1	100%
Ferro (µg/l Fe)	200	< 20,0	< 20,0	0	100%	1	1	1	100%
Fluoretos (mg/l F)	1,5	< 0,20	< 0,20	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)	---	0,99	0,99	---	---	1	1	1	100%
Manganês (µg/l Mn)	50	< 4,0	< 4,0	0	100%	1	1	1	100%
Nitratos (mg/l NO <sub>3</sub> )	50	< 1,0	< 1,0	0	100%	1	1	1	100%
Nitritos (mg/l NO <sub>2</sub> )	0,50	< 0,10	< 0,10	0	100%	1	1	1	100%
Mercurio (µg/l Hg)	1,0	0,0162	0,0162	0	100%	1	1	1	100%
Níquel (µg/l Ni)	20	3,1	3,1	0	100%	1	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	< 1,0	< 1,0	0	100%	1	1	1	100%
Potássio (mg/l K)	---	< 2,5	< 2,5	---	---	1	1	1	100%
Selénio (µg/l Se)	20	< 2,0	< 2,0	0	100%	1	1	1	100%
Sódio (mg/l Na)	200	11,4	11,4	0	100%	1	1	1	100%
Sulfatos (mg/l SO <sub>4</sub> )	250	< 10,0	< 10,0	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	---
Trihalometanos - total (THM) (µg/l)	100	2,14	2,14	0	100%	1	1	1	100%
Clorofórmio (µg/l)	---	0,40	0,40	---	---	1	1	1	100%
Bromofórmio (µg/l)	---	0,53	0,53	---	---	1	1	1	100%
Bromodiolclorometano (µg/l)	---	0,45	0,45	---	---	1	1	1	100%
Dibromodiolclorometano (µg/l)	---	0,75	0,75	---	---	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	< 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%
Metolacoloro (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	---	---	---	---	1	1	1	---
Metabolito M656PH051 (µg/l)	0,10	---	---	---	---	1	1	1	---
Radão (Bq/l)	500	118	118	0	100%	1	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento dos VP: (1) pH – Incumprimentos devido às características naturais (hidrogeológicas) da origem de água. Instalação de um sistema de correção de pH. Análise de verificação: pH=6,5 Unidades de pH. (2) Alfa total – Desvio no valor de verificação devido às características naturais (hidrogeológicas) da origem de água, no sistema de Magrelos. Não foram tomadas medidas porque se concluiu que a dose indicativa é inferior a 0,10 mSv.

Responsável: Sandra Lima

Data da publicação:

16.05.2024 Slima.





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

2º 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 Águia (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> ( <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)	---	0,4	0,90	---	---	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	7,4	7,4	0	100%	4	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	80,0	80,0	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)	---	13	13	0	---	4	1	1	100%
Arsénio (µg/l As)	10	4,1	4,1	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 <sub>4</sub> )	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 <sub>3</sub> )	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 <sub>3</sub> )	---	---	---	---	---	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 <sub>3</sub> )	50	---	---	---	---	1	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	---	---	1	0	0	---
Merúrio (µg/l Hg)	1,0	---	---	---	---	1	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	1	0	0	---
Potássio (mg/l K)	---	---	---	---	---	1	0	0	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	---	---	1	0	0	---
Selénio (µg/l Se)	20	---	---	---	---	1	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	1	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	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: 19.09.2024 *Slima*



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

2º 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> ( <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)	---	0,17	0,80	---	---	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	7,8	7,8	0	100%	4	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	191	191	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	<10	<10	0	100%	4	1	1	100%
Manganês (µg/l Mn)	50	<4	<4	0	100%	4	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	0,50	<0,05	<0,05	0	100%	1	1	1	100%
Antimónio (µg/l Sb) <sup>(a)</sup>	10	<0,5	<0,5	0	100%	---	---	---	---
Arsénio (µg/l As) <sup>(a)</sup>	10	3,2	3,2	0	100%	---	---	---	---
Benzeno (µg/l) <sup>(a)</sup>	1,0	<0,2	<0,2	0	100%	---	---	---	---
Benzo(a)pireno (µg/l)	0,010	<0,003	<0,003	0	100%	1	1	1	100%
Boro (mg/l B) <sup>(a)</sup>	1,5	0,008	0,008	0	100%	---	---	---	---
Bromatos (µg/l BrO <sub>3</sub> ) <sup>(a)</sup>	10	<2	<2	0	100%	---	---	---	---
Cádmio (µg/l Cd) <sup>(a)</sup>	5,0	<0,5	<0,5	0	100%	---	---	---	---
Cálcio (mg/l Ca)	---	19,9	19,9	---	---	1	1	1	100%
Cianetos (µg/l CN) <sup>(a)</sup>	50	<5	<5	0	100%	---	---	---	---
Cloratos (mg/l)	0,25	<0,08	<0,08	0	100%	1	1	1	100%
Cloretos (mg/l Cl) <sup>(a)</sup>	250	12	12	0	100%	---	---	---	---
Cloritos (mg/l)	0,25	<0,02	<0,02	0	100%	1	1	1	100%
Chumbo (µg/l Pb)	10	<1,0	<1,0	0	100%	1	1	1	100%
Cobre (mg/l Cu)	2,0	0,006	0,006	0	100%	1	1	1	100%
Crómio (µg/l Cr)	50	<3	<3	0	100%	1	1	1	100%
1,2 - dicloroetano (µg/l) <sup>(a)</sup>	3,0	<0,750	<0,750	0	100%	---	---	---	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	68,8	68,8	---	---	1	1	1	100%
Ferro (µg/l Fe)	200	<20	<20	0	100%	1	1	1	100%
Fluoretos (mg/l F) <sup>(a)</sup>	1,5	<0,120	<0,120	0	100%	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l)	0,10	<0,020	<0,020	0	100%	1	1	1	100%
Benzo(b)fluoranteno (µg/l)	---	<0,02	<0,02	---	---	1	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	<0,02	<0,02	---	---	1	1	1	100%
Benzo(ghi)perileno (µg/l)	---	<0,02	<0,02	---	---	1	1	1	100%
Indeno(1,2,3-cd)pireno (µg/l)	---	<0,02	<0,02	---	---	1	1	1	100%
Magnésio (mg/l Mg)	---	4,66	4,66	---	---	1	1	1	100%
Nitratos (mg/l NO <sub>3</sub> ) <sup>(a)</sup>	50	5,8	5,8	0	100%	---	---	---	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	<0,1	<0,1	---	---	1	1	1	100%
Mercúrio (µg/l Hg) <sup>(a)</sup>	1,0	<0,1	<0,1	0	100%	---	---	---	---
Níquel (µg/l Ni)	20	<2	<2	---	---	1	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	<1	<1	---	---	1	1	1	100%
Potássio (mg/l K)	---	<2,5	<2,5	---	---	1	1	1	100%
Selénio (µg/l Se) <sup>(a)</sup>	20	<0,5	<0,5	0	100%	---	---	---	---
Sódio (mg/l Na) <sup>(a)</sup>	200	9	9	0	100%	---	---	---	---
Sulfatos (µg/l SO <sub>4</sub> ) <sup>(a)</sup>	250	22	22	0	100%	---	---	---	---
Tetracloroetano e Tricloroetano (µg/l) <sup>(a)</sup>	10	<0,2	<0,2	0	100%	---	---	---	---
Tetracloroetano (µg/l) <sup>(a)</sup>	---	<0,2	<0,2	0	100%	---	---	---	---
Tricloroetano (µg/l) <sup>(a)</sup>	---	<0,1	<0,1	0	100%	---	---	---	---
Trihalometanos - total (THM) (µg/l)	100	26,2	26,2	0	100%	1	1	1	100%
Clorofórmio (µg/l)	---	16,6	16,6	---	---	1	1	1	100%
Bromofórmio (µg/l)	---	0,24	0,24	---	---	1	1	1	100%
Bromodiclorometano (µg/l)	---	6,41	6,41	---	---	1	1	1	100%
Dibromoclorometano (µg/l)	---	<2,91	<2,91	---	---	1	1	1	100%
Pesticidas - total (µg/l) <sup>(a)</sup>	0,50	<0,050	<0,050	0	100%	---	---	---	---
Alacloro (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Bentazona (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Clorpirifos (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Desetilterbutilazina (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Dimetoato (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Diurão (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
MCPA (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Metalaxil (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Metolaclo (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Terbutilazina (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Ometoato (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Imidaclopride (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Simazina (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Desetilsimazina (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Glifosato (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Metribuzina (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Dimetenamida-P (µg/l) <sup>(a)</sup>	0,10	<0,030	<0,030	0	100%	---	---	---	---
Alfa total (Bq/l) <sup>(a)</sup>	0,1	<0,04	<0,04	0	100%	---	---	---	---
Dose indicativa (mSv) <sup>(a)</sup>	0,10	<0,1	<0,1	0	100%	---	---	---	---

<sup>(a)</sup> 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:

16.09.2024 Seim





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

2º 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 Gaiolo**

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 (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)	---	0,74	0,74	---	---	6	1	1	100%
Cheiro a 25 °C (Fator de diluição)	3	< 1	< 1	0	100%	1	1	1	100%
Sabor a 25 °C (Fator de diluição)	3	< 1	< 1	0	100%	1	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,6	7,6	0	100%	1	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	95,5	95,5	0	100%	1	1	1	100%
Cor (mg/l PtCo)	20	< 3,0	< 3,0	0	100%	1	1	1	100%
Turvação (NTU)	4	< 1,0	< 1,0	0	100%	1	1	1	100%
Enterococos (UFC/100 ml)	0	0	0	0	100%	1	1	1	100%
Número de colónias a 22 °C (N/ml)	---	0	0	---	---	1	1	1	100%
<i>Clostridium perfringens</i> (N/100 ml)	0	0	0	0	100%	1	1	1	100%
Alumínio (µg/L Al)	200	55	55	0	100%	1	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	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%
Arsénio (µg/l As)	10	5,0	5	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 <sub>3</sub> )	10	< 5,0	< 5,0	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)	---	12,2	12,2	---	---	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	< 10,0	< 10,0	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	< 1,0	< 1,0	0	100%	1	1	1	100%
Cobre (mg/l Cu)	2,0	< 0,003	< 0,003	0	100%	1	1	1	100%
Crómio (µg/l Cr)	50	< 3,0	< 3,0	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 <sub>3</sub> )	---	31,2	31,2	---	---	1	1	1	100%
Ferro (µg/l Fe)	200	< 20,0	< 20,0	0	100%	1	1	1	100%
Fluoretos (mg/l F)	1,5	< 0,20	< 0,20	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)	---	0,52	0,52	---	---	1	1	1	100%
Manganês (µg/l Mn)	50	< 4,0	< 4,0	---	---	1	1	1	100%
Nitratos (mg/l NO <sub>3</sub> )	50	1,8	1,8	0	100%	1	1	1	100%
Nitritos (mg/l NO <sub>2</sub> )	0,50	< 0,10	< 0,10	0	100%	1	1	1	100%
Mercurio (µg/l Hg)	1,0	0,1450	0,1450	0	100%	1	1	1	100%
Níquel (µg/l Ni)	20	< 2,0	< 2,0	0	100%	1	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	< 1,0	< 1,0	0	100%	1	1	1	100%
Potássio (mg/l K)	---	< 2,5	< 2,5	---	---	1	1	1	100%
Selénio (µg/l Se)	20	< 2,0	< 2,0	0	100%	1	1	1	100%
Sódio (mg/l Na)	200	6,1	6,1	0	100%	1	1	1	100%
Sulfatos (mg/l SO <sub>4</sub> )	250	< 10,0	< 10,0	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	5,22	5,22	0	100%	1	1	1	100%
Clorofórmio (µg/l)	---	1,64	1,64	---	---	1	1	1	100%
Bromofórmio (µg/l)	---	0,58	0,58	---	---	1	1	1	100%
Bromodiclorometano (µg/l)	---	1,40	1,40	---	---	1	1	1	100%
Dibromoclorometano (µg/l)	---	1,60	1,60	---	---	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	< 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	---	---	---	---	1	0	0	---
Metabolito M656PH051 (µg/l)	0,10	---	---	---	---	1	0	0	---
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	30,9	30,9	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: 16.09.2024 Slim



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

2º 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)	---	0,53	0,80	---	---	6	1	1	100%
Alumínio (µg/L Al)	200	14,6	14,6	0	100%	1	1	1	100%
Cheiro a 25 °C (Fator de diluição)	3	< 1	< 1	0	100%	1	1	1	100%
Sabor a 25 °C (Fator de diluição)	3	< 1	< 1	0	100%	1	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9,5	7,6	7,6	0	100%	1	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	106	106	0	100%	1	1	1	100%
Cor (mg/l PtCo)	20	< 3,0	< 3,0	0	100%	1	1	1	100%
Turvação (NTU)	4	< 1,0	< 1,0	0	100%	1	1	1	100%
Enterococos (UFC/100 ml)	0	0	0	0	100%	1	1	1	100%
Número de colónias a 22 °C (N/ml)	---	16	16	---	---	1	1	1	100%
Arsénio (µg/l As)	10	< 3,0	< 3,0	0	100%	1	1	1	100%
<i>Clostridium perfringens</i> (N/100 ml)	0	0	0	0	100%	1	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	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 <sub>3</sub> )	10	< 5,0	< 5,0	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)	---	7,2	7,2	---	---	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	< 10,0	< 10,0	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	< 1,0	< 1,0	0	100%	1	1	1	100%
Cobre (mg/l Cu)	2,0	< 0,003	< 0,003	0	100%	1	1	1	100%
Crómio (µg/l Cr)	50	< 3,0	< 3,0	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 <sub>3</sub> )	---	21,0	21,0	---	---	1	1	1	100%
Ferro (µg/l Fe)	200	< 20,0	< 20,0	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)	---	0,760	0,760	---	---	1	1	1	100%
Manganês (µg/l Mn)	50	< 4,0	< 4,0	0	100%	1	1	1	100%
Nitratos (mg/l NO <sub>3</sub> )	50	2,0	2,0	0	100%	1	1	1	100%
Nitritos (mg/l NO <sub>2</sub> )	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	< 2,0	< 2,0	0	100%	1	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	< 1,0	< 1,0	0	100%	1	1	1	100%
Potássio (mg/l K)	---	< 2,5	< 2,5	---	---	1	1	1	100%
Selénio (µg/l Se)	20	< 2,0	< 2,0	0	100%	1	1	1	100%
Sódio (mg/l Na)	200	13,1	13,1	0	100%	1	1	1	100%
Sulfatos (mg/l SO <sub>4</sub> )	250	< 10,0	< 10,0	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	7,71	7,71	0	100%	1	1	1	100%
Clorofórmio (µg/l)	---	3,68	3,68	---	---	1	1	1	100%
Bromofórmio (µg/l)	---	0,22	0,22	---	---	1	1	1	100%
Bromodiorometano (µg/l)	---	2,65	2,65	---	---	1	1	1	100%
Dibromodiorometano (µg/l)	---	1,16	1,16	---	---	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	< 0,0300	< 0,0300	0	100%	1	1	1	100%
Clorpirifos (µg/l)	0,10	< 0,0300	< 0,0300	0	100%	1	1	1	100%
Desetilerbutilazina (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	< 0,4	< 0,4	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	46,4	46,4	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: 16.09.2024 Sems





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

2º 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	%	N.º de análises	N.º Análises no		%
	Paramétrico	Mínimo	Máximo	Mínimo				Máximo	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	---	---	---
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 <sub>4</sub> )	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 <sub>3</sub> )	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 <sub>3</sub> )	---	---	---	---	---	---	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 <sub>3</sub> )	50	---	---	---	---	---	1	---	---	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	---	---	---	1	---	---	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	---	1	---	---	---
Níquel (µg/l Ni)	20	---	---	---	---	---	1	---	---	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	---	---	---	1	---	---	---
Potássio (mg/l K)	---	---	---	---	---	---	1	---	---	---
Selénio (µg/l Se)	20	---	---	---	---	---	1	---	---	---
Sódio (mg/l Na)	200	---	---	---	---	---	1	---	---	---
Sulfatos (mg/l SO <sub>4</sub> )	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	---	---	---
Dibromoclorometano (µg/l)	---	---	---	---	---	---	1	---	---	---
Pesticidas - total (µg/l)	0,50	< 0,10	< 0,10	0	100%	1	1	1	1	100%
Bentazona (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	1	100%
Clorpirifos (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Desetilterbutilazina (µg/L)	0,10	---	---	---	---	1	---	---	---	---
Dimetoato (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Diurão (µg/L)	0,10	---	---	---	---	1	---	---	---	---
MCPA (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Metolaclo (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Terbutilazina (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Ometoato (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Imidaclopride (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Simazina (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	1	100%
Desetilsimazina (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	1	100%
Metribuzina (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Dimetenamida-P (µg/l)	0,10	---	---	---	---	1	---	---	---	---
Metabolito M656PH051 (µg/l)	0,10	---	---	---	---	1	---	---	---	---

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: 06.09.2024 Slima.



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

2º 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	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%	12	3	3	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	12	3	3	100%
Desinfetante residual (mg/l)	---	0,25	0,58	---	---	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	6,7	6,7	0	100%	4	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	93,6	93,6	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	5,2	5,2	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	14,6	14,6	0	100%	1	1	1	100%
Amónio (mg/l NH <sub>4</sub> )	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 <sub>3</sub> )	10	< 5,0	< 5,0	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)	---	< 2,5	< 2,5	---	---	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	---	---	1	1	1	---
Cloretos (mg/l Cl)	250	< 10,0	< 10,0	0	---	1	1	1	100%
Cloritos (mg/l)	0,25	< 0,02	< 0,02	---	---	1	1	1	---
Chumbo (µg/l Pb)	10	< 1,0	< 1,0	0	100%	1	1	1	100%
Cobre (mg/l Cu)	2,0	< 0,003	< 0,003	0	100%	1	1	1	100%
Crómio (µg/l Cr)	50	< 3,0	< 3,0	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 <sub>3</sub> )	---	< 3,0	< 3,0	---	---	1	1	1	100%
Ferro (µg/l Fe)	200	< 20,0	< 20,0	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)	---	0,42	0,42	---	---	1	1	1	100%
Manganês (µg/l Mn)	50	< 4,0	< 4,0	0	100%	1	1	1	100%
Nitros (mg/l NO <sub>2</sub> )	50	< 1,0	< 1,0	0	100%	1	1	1	100%
Nitritos (mg/l NO <sub>2</sub> )	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	< 2,0	< 2,0	0	100%	1	1	1	100%
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	1,9	1,9	0	100%	1	1	1	100%
Potássio (mg/l K)	---	< 2,5	< 2,5	---	---	1	1	1	---
Selénio (µg/l Se)	20	< 2,0	< 2,0	0	100%	1	1	1	100%
Sódio (mg/l Na)	200	7,3	7,3	0	100%	1	1	1	100%
Sulfatos (mg/l SO <sub>4</sub> )	250	< 10,0	< 10,0	0	100%	1	1	1	100%
Tetracloroetano e Tricloroetano (µg/l)	10	---	---	---	---	1	1	1	---
Tetracloroetano (µg/l)	---	< 0,20	< 0,20	---	---	1	1	1	---
Tricloroetano (µg/l)	---	---	---	---	---	1	0	0	---
Trihalometanos - total (THM) (µg/l)	100	---	---	---	---	1	0	0	---
Clorofórmio (µg/l)	---	0,88	0,88	---	---	1	1	1	100%
Bromofórmio (µg/l)	---	0,81	0,81	---	---	1	1	1	100%
Bromodichlorometano (µg/l)	---	0,99	0,99	---	---	1	1	1	100%
Dibromoclorometano (µg/l)	---	2,08	2,08	---	---	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	< 0,030	< 0,030	---	---	1	1	1	---
Desetilbutilazina (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	100%
Dimetoato (µg/l)	0,10	< 0,030	< 0,030	---	---	1	1	1	---
Diurão (µg/l)	0,10	< 0,030	< 0,030	---	---	1	1	1	---
MCPA (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	100%
Metolaclo (µg/l)	0,10	< 0,010	< 0,010	---	---	1	1	1	---
Terbutilazina (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	100%
Ometoato (µg/l)	0,10	< 0,030	< 0,030	---	---	1	1	1	---
Imidaclopride (µg/l)	0,10	< 0,030	< 0,030	---	---	1	1	1	---
Simazina (µg/l)	0,10	< 0,030	< 0,030	---	---	1	1	1	---
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	---	---	---	---	1	0	0	---
Metabolito M656PH051 (µg/l)	0,10	---	---	---	---	1	0	0	---
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	28,9	28,9	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: 16.09.2024 Slimis.





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

2º 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	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%	12	3	3	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	12	3	3	100%
Desinfetante residual (mg/l)	---	0,49	0,85	---	---	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	<58,5	< 58,5	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	---	1	0	0	---
Alumínio (µg/L Al)	200	---	---	0	---	1	0	0	---
Amónio (mg/l NH <sub>4</sub> )	0,50	---	---	0	---	1	0	0	---
Antimónio (µg/l Sb)	10	---	---	0	---	1	0	0	---
Arsénio (µg/l As)	10	---	---	0	---	1	0	0	---
Benzeno (µg/l)	1,0	---	---	0	---	1	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	0	---	1	0	0	---
Boro (mg/l B)	1,5	---	---	0	---	1	0	0	---
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	0	---	1	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	0	---	1	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	1	0	0	---
Cianetos (µg/l CN)	50	---	---	0	---	1	0	0	---
Cloratos (mg/l)	0,25	---	---	0	---	1	0	0	---
Cloreto (mg/l Cl)	250	---	---	0	---	1	0	0	---
Cloritos (mg/l)	0,25	---	---	0	---	1	0	0	---
Chumbo (µg/l Pb)	10	---	---	0	---	1	0	0	---
Cobre (mg/l Cu)	2,0	---	---	0	---	1	0	0	---
Crómio (µg/l Cr)	50	---	---	0	---	1	0	0	---
1,2 - dicloroetano (µg/l)	3,0	---	---	0	---	1	0	0	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	---	---	---	1	0	0	---
Ferro (µg/l Fe)	200	---	---	0	---	1	0	0	---
Fluoretos (mg/l F)	1,5	---	---	0	---	1	0	0	---
Hydrocarbonetos Aromáticos Policíclicos (HAP) (µg/l)	0,10	---	---	0	---	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	---	---	0	---	1	0	0	---
Nitratos (mg/l NO <sub>3</sub> )	50	---	---	0	---	1	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	0	---	1	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	0	---	1	0	0	---
Níquel (µg/l Ni)	20	---	---	0	---	1	0	0	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	0	---	1	0	0	---
Potássio (mg/l K)	---	---	---	---	---	1	0	0	---
Selénio (µg/l Se)	20	---	---	0	---	1	0	0	---
Sódio (mg/l Na)	200	---	---	0	---	1	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	250	---	---	0	---	1	0	0	---
Tetracloroetano e Tricloroetano (µg/l)	10	---	---	0	---	1	0	0	---
Tetracloroetano (µg/l)	---	---	---	---	---	1	0	0	---
Tricloroetano (µg/l)	---	---	---	---	---	1	0	0	---
Trihalometanos - total (THM) (µg/l)	100	---	---	0	---	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	<0,10	<0,10	---	---	1	0	0	---
Bentazona (µg/l)	0,10	<0,030	<0,030	0	100%	1	1	1	100%
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	<0,010	<0,010	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	<0,03	<0,03	0	100%	1	1	1	100%
Simazina (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	1	100%
Desetilsimazina (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	1	100%
Metribuzina (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	1	100%
Dimetenamida-P (µg/l)	0,10	---	---	---	---	1	0	0	---
Metabolito M656PH051 (µg/l)	0,10	---	---	---	---	1	0	0	---
Alfa total (Bq/l)	0,1	---	---	0	---	1	0	0	---
Dose indicativa (mSv)	0,10	---	---	0	---	1	0	0	---
Radão (Bq/l)	500	---	---	0	---	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: 16.09.2024 S. Lima



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

2º 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	N.º de análises PCQA	N.º Análises no trimestre		% Análises Realizadas
		Mínimo	Máximo				Previstas	Realizadas	
<i>Escherichia coli (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)	---	<0,20	0,80	---	---	48	12	12	100%
Alumínio (µg/L Al)	200	48	108	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	7,3	7,6	0	100%	13	3	3	100%
Condutividade a 20 °C (µS/cm)	2500	98,9	134	0	100%	13	3	3	100%
Cor (mg/l PtCo)	20	<3,0	3,3	0	100%	13	3	3	100%
Turvação (NTU) <sup>(1)</sup>	4	<1,0	5,7	1	67%	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 <sub>4</sub> )	0,50	---	---	0	---	2	0	0	---
Antimónio (µg/l Sb)	10	---	---	0	---	2	0	0	---
Arsénio (µg/l As)	10	---	---	0	---	2	0	0	---
Benzeno (µg/l)	1,0	---	---	0	---	2	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	0	---	2	0	0	---
Boro (mg/l B)	1,5	---	---	0	---	2	0	0	---
Bromatos (µg/l BrO <sub>3</sub> )	10	---	---	0	---	2	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	0	---	2	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	2	0	0	---
Cianetos (µg/l CN)	50	---	---	0	---	2	0	0	---
Cloratos (mg/l)	0,25	---	---	0	---	2	0	0	---
Cloretos (mg/l Cl)	250	---	---	0	---	2	0	0	---
Cloritos (mg/l)	0,25	---	---	0	---	2	0	0	---
Chumbo (µg/l Pb)	10	---	---	0	---	2	0	0	---
Cobre (mg/l Cu)	2,0	---	---	0	---	2	0	0	---
Crómio (µg/l Cr)	50	---	---	0	---	2	0	0	---
1,2 - dicloroetano (µg/l)	3,0	---	---	0	---	2	0	0	---
Dureza total (mg/l CaCO <sub>3</sub> )	---	---	---	---	---	2	0	0	---
Ferro (µg/l Fe)	200	---	---	0	---	2	0	0	---
Fluoretos (mg/l F)	1,5	---	---	0	---	2	0	0	---
Hydrocarbonetos Aromáticos Policíclicos (HAP) (µg/l)	0,10	---	---	0	---	2	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	2	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	2	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	2	0	0	---
Indeno(1,2,3-cd)pireno (µg/l)	---	---	---	---	---	2	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	2	0	0	---
Manganês (µg/l Mn)	50	---	---	0	---	2	0	0	---
Nitratos (mg/l NO <sub>3</sub> )	50	---	---	0	---	2	0	0	---
Nitritos (mg/l NO <sub>2</sub> )	0,50	---	---	0	---	2	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	0	---	2	0	0	---
Níquel (µg/l Ni)	20	---	---	0	---	2	0	0	---
Oxidabilidade (mg/l O <sub>2</sub> )	5,0	---	---	0	---	2	0	0	---
Potássio (mg/l K)	---	---	---	---	---	1	0	0	---
Selénio (µg/l Se)	20	---	---	0	---	2	0	0	---
Sódio (mg/l Na)	200	---	---	0	---	2	0	0	---
Sulfatos (mg/l SO <sub>4</sub> )	250	---	---	0	---	2	0	0	---
Tetracloroetano e Tricloroetano (µg/l)	10	---	---	---	---	2	0	0	---
Tetracloroetano (µg/l)	---	---	---	---	---	2	0	0	---
Tricloroetano (µg/l)	---	---	---	---	---	2	0	0	---
Trihalometanos - total (THM) (µg/l)	100	---	---	0	---	2	0	0	---
Clorofórmio (µg/l)	---	---	---	---	---	2	0	0	---
Bromofórmio (µg/l)	---	---	---	---	---	2	0	0	---
Bromodichlorometano (µg/l)	---	---	---	---	---	2	0	0	---
Dibromoclorometano (µg/l)	---	---	---	---	---	2	0	0	---
Pesticidas - total (µg/l)	0,50	<0,10	<0,10	---	---	2	1	1	100%
Bentazona (µg/l)	0,10	<0,03	<0,03	---	---	2	1	1	100%
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	<0,03	<0,03	---	---	2	1	1	100%
Desetilsimazina (µg/l)	0,10	<0,03	<0,03	---	---	2	1	1	100%
Metribuzina (µg/l)	0,10	<0,03	<0,03	---	---	2	1	1	100%
Dimetenamida-P (µg/l)	0,10	---	---	---	---	2	0	0	---
Metabolito M656PH051 (µg/l)	0,10	---	---	---	---	2	0	0	---
Alfa total (Bq/l)	0,1	---	---	---	---	2	0	0	---
Dose indicativa (mSv)	0,10	---	---	---	---	2	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP: (1) Turvação – Falta de manutenção/limpeza, após avarias na rede predial.

Recomendação de manutenção/limpeza/higienização da rede predial.

Responsável: Sandra Lima

Data da publicação: 16.09.2024 Slims





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

2º 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	Nº de análises PCQA	N.º Análises no trimestre		% Análises Realizadas
		Mínimo	Máximo				Previstas	Realizadas	
<i>Escherichia coli (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)	---	0,50	0,70	---	---	6	2	2	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 <sub>3</sub> )	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 <sub>4</sub> )	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 <sub>3</sub> )	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 <sub>3</sub> )	---	---	---	---	---	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 <sub>2</sub> )	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 <sub>2</sub> )	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 <sub>4</sub> )	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	<0,03	<0,03	0	100%	1	0	0	100%
Bentazona (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	1	100%
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	<0,03	<0,03	0	100%	1	1	1	100%
Desetilsimazina (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	1	100%
Metribuzina (µg/l)	0,10	---	---	---	---	1	0	0	---
Dimetenamida-P (µg/l)	0,10	---	---	---	---	1	0	0	---
Metabolito M656PH051 (µg/l)	0,10	---	---	---	---	2	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: 16.09.2024. Slims

