



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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)	---	0,32	0,32	---	---	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	---
Número de colónias a 37 °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)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	< 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	---
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: Daniel Cardoso

Data da publicação:

 05-09-23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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)	---	0,40	0,40	---	---	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	---
Número de colónias a 37 °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)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	< 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	---
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: Daniel Cardoso

Data da publicação:



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

2º TRIMESTRE

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2023

Zona de Abastecimento: Juncal

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)	---	0,54	0,54	---	---	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	---
Número de colónias a 37 °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 ₄)	0,50	---	---	---	---	1	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	---
Dibromoclorometano (µg/l)	---	---	---	---	---	1	0	0	---
Pesticidas - total (µg/l)	0,50	---	---	---	---	1	0	0	---
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	---	---	---	---	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	< 0,030	< 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	---	---	---	---	1	0	0	---
Dimetenamida-P (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: Daniel Cardoso

Data da publicação:

 05-09-23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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> (<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)	---	0,27	0,27	---	---	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	---
Número de colónias a 37 °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)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	---
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: Daniel Cardoso

Data da publicitação:

05-09-23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

Zona de Abastecimento: Montedeiras

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)	---	< 0,16	0,60	---	---	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	7,1	7,1	0	100%	4	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	71,8	71,8	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	0	100%	4	1	1	100%
Número de colónias a 37 °C (N/ml)	---	0	0	0	100%	4	1	1	100%
Arsénio (µg/l As)	10	6,5	6,5	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)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	< 0,030	< 0,030	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	< 0,030	< 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	---	---	---	---	1	0	0	---
Dimetenamida-P (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: Daniel Cardoso

Data da publicação:



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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) ⁽¹⁾	0	0	> 100	1	67%	12	3	3	100%
Desinfetante residual (mg/l)	---	0,19	0,6	---	---	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	126	126	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%
Número de colónias a 37 °C (N/ml)	---	24	24	---	---	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	15,4	15,4	0	100%	4	1	1	100%
Manganês (µg/L Mn)	50	< 4,0	< 4,0	0	100%	4	1	1	100%
Amónio (mg/l NH ₄)	0,50	---	---	---	---	1	0	0	---
Antimónio (µg/l Sb) ^(a)	5,0	< 0,5	< 0,5	0	100%	---	---	---	---
Arsénio (µg/l As) ^(a)	10	3,2	3,2	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)	1,0	0,008	0,008	0	100%	---	---	---	---
Bromatos (µg/l BrO ₃) ^(a)	10	< 2,0	< 2,0	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%	---	---	---	---
Cloretos (mg/l Cl) ^(a)	250	13	13	0	100%	---	---	---	---
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	5,3	5,3	0	100%	---	---	---	---
Nitritos (mg/l NO ₂)	0,50	---	---	---	---	1	0	0	---
Mercurio (µg/l Hg) ^(a)	1,0	< 0,0100	< 0,0100	0	100%	---	---	---	---
Níquel (µg/l Ni)	20	---	---	---	---	1	0	0	---
Oxidabilidade (mg/l O ₂)	5,0	---	---	---	---	1	0	0	---
Selénio (µg/l Se) ^(a)	10	< 0,5	< 0,5	0	100%	---	---	---	---
Sódio (mg/l Na) ^(a)	200	9,3	9,3	0	100%	---	---	---	---
Sulfatos (mg/l SO ₄) ^(a)	250	21	21	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	< 0,030	< 0,030	0	100%	---	---	---	---
Alacloro (µg/l) ^(a)	0,10	< 0,030	< 0,030	0	100%	---	---	---	---
Bentazona (µg/l) ^(a)	0,10	< 0,030	< 0,030	0	100%	---	---	---	---
Clorpirifos (µg/l) ^(a)	0,10	< 0,030	< 0,030	0	100%	---	---	---	---
Desetilterbutilazina (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	< 0,030	< 0,030	0	100%	---	---	---	---
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	< 0,030	< 0,030	0	100%	---	---	---	---
Desetilsimazina (µg/l) ^(a)	0,10	< 0,030	< 0,030	0	100%	---	---	---	---
Glifosato (µg/l) ^(a)	0,10	---	---	---	---	---	---	---	---
Metribuzina (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: ⁽¹⁾ Bactérias Coliformes - Dosagem inadequada de reagente. Correção da dosagem de reagente no tratamento.

Responsável: Daniel Cardoso

Data da publicação:

 05-09-23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

Zona de Abastecimento: Paços de Gaiolo

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	1	1	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	6	1	1	100%
Desinfetante residual (mg/l)	---	0,30	0,30	---	---	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	---
Número de colónias a 37 °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)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	---
Dibromoclorometano (µg/l)	---	---	---	---	---	1	0	0	---
Pesticidas - total (µg/l)	0,50	---	---	---	---	1	0	0	---
Bentazona (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	100%
Clorpirifos (µg/l)	0,10	---	---	---	---	1	0	0	---
Desetilerbutilazina (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	---
Metolacoloro (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	< 0,030	< 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	---	---	---	---	1	0	0	---
Dimetenamida-P (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: Daniel Cardoso

Data da publicação:



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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> (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)	---	< 0,16	0,40	---	---	6	2	2	100%
Alumínio (µg/L Al)	200	< 10	< 10	0	100%	2	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	6,5	6,5	0	100%	2	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	74,9	74,9	0	100%	2	1	1	100%
Cor (mg/l PtCo)	20	< 3,0	< 3,0	0	100%	2	1	1	100%
Turvação (NTU)	4	3,4	3,4	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	0	100%	2	1	1	100%
Número de colónias a 37 °C (N/ml)	---	0	0	0	100%	2	1	1	100%
Arsénio (µg/l As)	10	< 3,0	< 3,0	0	100%	2	1	1	100%
<i>Clostridium perfringens</i> (N/100 ml)	0	0	0	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)	5,0	< 1,0	< 1,0	0	100%	1	1	1	100%
Benzeno (µg/l)	1,0	< 3,0	< 3,0	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)	1,0	< 0,010	< 0,010	0	100%	1	1	1	100%
Bromatos (µg/l BrO ₃)	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)	---	3,1	3,1	---	---	1	1	1	100%
Cianetos (µg/l CN)	50	< 10	< 10	0	100%	1	1	1	100%
Cloretos (mg/l Cl)	250	10,1	10,1	0	100%	1	1	1	100%
Chumbo (µg/l Pb)	10	11	11	0	100%	1	1	1	100%
Cobre (mg/l Cu)	2,0	0,299	0,299	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 ₃)	---	11,2	11,2	---	---	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%
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)	---	0,850	0,850	---	---	1	1	1	100%
Manganês (µg/l Mn)	50	< 4,0	< 4,0	0	100%	1	1	1	100%
Nitratos (mg/l NO ₃)	50	< 1,0	< 1,0	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	3,3	3,3	0	100%	1	1	1	100%
Oxidabilidade (mg/l O ₂)	5,0	1,4	1,4	0	100%	1	1	1	100%
Selénio (µg/l Se)	10	< 2,0	< 2,0	0	100%	1	1	1	100%
Sódio (mg/l Na)	200	10,8	10,8	0	100%	1	1	1	100%
Sulfatos (mg/l SO ₄)	250	< 10,0	< 10,0	0	100%	1	1	1	100%
Tetracloroetano e Tricloroetano (µg/l)	10	< 0,30	< 0,30	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	9,65	9,65	0	100%	1	1	1	100%
Clorofórmio (µg/l)	---	4,64	4,64	---	---	1	1	1	100%
Bromofórmio (µg/l)	---	0,30	0,30	---	---	1	1	1	100%
Bromodiclorometano (µg/l)	---	2,97	2,97	---	---	1	1	1	100%
Dibromodiclorometano (µg/l)	---	1,74	1,74	---	---	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	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	---
Alfa total (Bq/l)	0,1	0,06	0,06	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	< 10,0	< 10,0	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: Daniel Cardoso

Data da publicação:



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

Zona de Abastecimento: S. Salvador

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	2	2	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	6	2	2	100%
Desinfetante residual (mg/l)	---	0,21	0,43	---	---	6	2	2	100%
Alumínio (µg/L Al)	200	27,5	27,5	0	100%	2	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	7,2	7,2	0	100%	2	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	119	119	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%
Número de colónias a 36 °C (N/ml)	---	0	0	---	---	2	1	1	100%
Dose indicativa (mSv)	0,10	< 0,1	< 0,1	0	100%	2	1	1	100%
Radão (Bq/l)	500	< 10,0	< 10,0	0	100%	2	1	1	100%
Urânio 234 (Bq/l)	---	0,04	0,04	---	---	2	1	1	100%
Urânio 238 (Bq/l)	---	0,03	0,03	---	---	2	1	1	100%
Rádio 226 (Bq/l)	---	0,07	0,07	---	---	2	1	1	100%
Polónio 210 (Bq/l)	---	0,05	0,05	---	---	2	1	1	100%
<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)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	< 0,10	< 0,10	0	100%	1	1	1	100%
Bentazona (µg/l)	0,10	---	---	---	---	1	0	0	---
Clorpirifos (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	100%
Desetilterbutilazina (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	< 0,030	< 0,030	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	---

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: Daniel Cardoso

Data da publicação:

 05-09-23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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)	---	0,20	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	6,5	6,5	0	100%	4	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	55,3	55,3	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%
Número de colónias a 37 °C (N/ml)	---	0	0	---	---	4	1	1	100%
Arsénio (µg/l As)	10	< 3,0	< 3,0	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 ₃)	0,50	---	---	---	---	1	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	1	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	1	0	0	---
Cobre (mg/l Cu)	2	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	---
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	---
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: Daniel Cardoso

Data da publicação:



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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)	---	0,60	0,69	---	---	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	6,5	6,5	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	3,1	3,1	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)	---	18	18	---	---	4	1	1	100%
Número de colónias a 37 °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)	5,0	---	---	---	---	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)	1,0	---	---	---	---	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	---
Cloretos (mg/l Cl)	250	---	---	---	---	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	---
Selénio (µg/l Se)	10	---	---	---	---	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	---
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	---
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: Daniel Cardoso

Data da publicação:

 05-09-23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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</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	0,61	---	---	48	12	12	100%
Alumínio (µg/L Al)	200	84	158	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	6,9	7,1	0	100%	13	3	3	100%
Condutividade a 20 °C (µS/cm)	2500	107	120	0	100%	13	3	3	100%
Cor (mg/l PtCo)	20	< 3,0	5,7	0	100%	13	3	3	100%
Turvação (NTU)	4	< 1,0	< 1,0	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%
Número de colónias a 37 °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)	5,0	< 1,0	< 1,0	0	100%	2	1	1	100%
Arsénio (µg/l As)	10	< 3,0	< 3,0	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)	1,0	< 0,010	< 0,010	0	100%	2	1	1	100%
Bromatos (µg/l BrO ₃)	10	< 5,0	< 5,0	0	100%	2	1	1	100%
Cádmio (µg/l Cd)	5,0	< 0,08	< 0,08	0	100%	2	1	1	100%
Cálcio (mg/l Ca)	---	23,7	23,7	---	---	2	1	1	100%
Cianetos (µg/l CN)	50	< 10	< 10	0	100%	2	1	1	100%
Cloretos (mg/l Cl)	250	15,3	15,3	0	100%	2	1	1	100%
Cloritos (mg/l ClO ₂)	0,7	< 0,02	< 0,02	0	100%	2	1	1	100%
Cloratos (mg/l ClO ₃)	0,7	< 0,08	< 0,08	0	100%	2	1	1	100%
Chumbo (µg/l Pb)	10	< 1,0	< 1,0	0	100%	2	1	1	100%
Cobre (mg/l Cu)	2,0	0,005	0,005	0	100%	2	1	1	100%
Crómio (µg/l Cr)	50	48,0	48,0	0	100%	2	1	1	100%
1,2 - dicloroetano (µg/l)	3,0	< 0,750	< 0,750	0	100%	2	1	1	100%
Dureza total (mg/l CaCO ₃)	---	59,7	59,7	---	---	2	1	1	100%
Ferro (µg/l Fe)	200	< 20,0	< 20,0	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)	---	1,04	1,04	---	---	2	1	1	100%
Manganês (µg/l Mn)	50	4,4	4,4	0	100%	2	1	1	100%
Nitratos (mg/l NO ₃)	50	1,8	1,8	0	100%	2	1	1	100%
Nitritos (mg/l NO ₂)	0,50	< 0,10	< 0,10	0	100%	2	1	1	100%
Merúrio (µg/l Hg)	1,0	< 0,0100	< 0,0100	0	100%	2	1	1	100%
Níquel (µg/l Ni)	20	< 2,0	< 2,0	0	100%	2	1	1	100%
Oxidabilidade (mg/l O ₂)	5,0	2,7	2,7	0	100%	2	1	1	100%
Selénio (µg/l Se)	10	< 2,0	< 2,0	0	100%	2	1	1	100%
Sódio (mg/l Na)	200	9,5	9,5	0	100%	2	1	1	100%
Sulfatos (mg/l SO ₄)	250	< 10,0	< 10,0	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)	---	< 0,20	< 0,20	---	---	2	1	1	100%
Trihalometanos - total (THM) (µg/l)	100	12	12	0	100%	2	1	1	100%
Clorofórmio (µg/l)	---	3,9	3,9	---	---	2	1	1	100%
Bromofórmio (µg/l)	---	< 0,20	< 0,20	---	---	2	1	1	100%
Bromodichlorometano (µg/l)	---	3,94	3,94	---	---	2	1	1	100%
Dibromoclorometano (µg/l)	---	3,49	3,49	---	---	2	1	1	100%
Pesticidas - total (µg/l)	0,50	< 0,10	< 0,10	0	100%	2	1	1	100%
Bentazona (µg/l)	0,10	< 0,030	< 0,030	0	100%	2	1	1	100%
Clorpirifos (µg/l)	0,10	---	---	---	---	2	0	0	---
Desetilterbutilazina (µg/L)	0,10	< 0,030	< 0,030	0	100%	2	1	1	100%
Dimetoato (µg/l)	0,10	---	---	---	---	2	0	0	---
Diurão (µg/L)	0,10	---	---	---	---	2	0	0	---
MCPA (µg/l)	0,10	< 0,030	< 0,030	0	100%	2	1	1	100%
Metolaclo (µg/l)	0,10	---	---	---	---	2	0	0	---
Terbutilazina (µg/l)	0,10	< 0,030	< 0,030	0	100%	2	1	1	100%
Ometoato (µg/l)	0,10	---	---	---	---	2	0	0	---
Imidaclopride (µg/l)	0,10	---	---	---	---	2	0	0	---
Simazina (µg/l)	0,10	< 0,030	< 0,030	0	100%	2	1	1	100%
Desetilsimazina (µg/l)	0,10	< 0,030	< 0,030	0	100%	2	1	1	100%
Metribuzina (µg/l)	0,10	< 0,030	< 0,030	0	100%	2	1	1	100%
Dimetenamida-P (µg/l)	0,10	---	---	---	---	2	0	0	---
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: Daniel Cardoso

Data da publicação:

05.09.23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

Zona de Abastecimento: Feiteira

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%	3	2	2	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	3	2	2	100%
Desinfetante residual (mg/l)	---	0,26	0,27	---	---	3	2	2	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	6,5	6,5	0	100%	1	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	213	213	0	100%	1	1	1	100%
Cor (mg/l PtCo)	20	3,9	3,9	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	0	100%	1	1	1	100%
Número de colónias a 37 °C (N/ml)	---	0	0	0	100%	1	1	1	100%
Manganês (µg/l Mn)	50	20,6	20,6	0	100%	1	1	1	100%
<i>Clostridium perfringens</i> (N/100 ml)	0	---	---	---	---	0	0	0	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	0	---
Amónio (mg/l NH ₄)	0,50	---	---	---	---	0	0	0	---
Antimónio (µg/l Sb)	5,0	---	---	---	---	0	0	0	---
Arsénio (µg/l As)	10	---	---	---	---	0	0	0	---
Benzeno (µg/l)	1,0	---	---	---	---	0	0	0	---
Benzo(a)pireno (µg/l)	0,010	---	---	---	---	0	0	0	---
Boro (mg/l B)	1,0	---	---	---	---	0	0	0	---
Bromatos (µg/l BrO ₃)	10	---	---	---	---	0	0	0	---
Cádmio (µg/l Cd)	5,0	---	---	---	---	0	0	0	---
Cálcio (mg/l Ca)	---	---	---	---	---	0	0	0	---
Cianetos (µg/l CN)	50	---	---	---	---	0	0	0	---
Cloretos (mg/l Cl)	250	---	---	---	---	0	0	0	---
Chumbo (µg/l Pb)	10	---	---	---	---	0	0	0	---
Cobre (mg/l Cu)	2,0	---	---	---	---	0	0	0	---
Crómio (µg/l Cr)	50	---	---	---	---	0	0	0	---
1,2 - dicloroetano (µg/l)	3,0	---	---	---	---	0	0	0	---
Dureza total (mg/l CaCO ₃)	---	---	---	---	---	0	0	0	---
Ferro (µg/l Fe)	200	---	---	---	---	0	0	0	---
Fluoretos (mg/l F)	1,5	---	---	---	---	0	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP) (µg/l)	0,10	---	---	---	---	0	0	0	---
Benzo(b)fluoranteno (µg/l)	---	---	---	---	---	0	0	0	---
Benzo(k)fluoranteno (µg/l)	---	---	---	---	---	0	0	0	---
Benzo(ghi)perileno (µg/l)	---	---	---	---	---	0	0	0	---
Indeno(1,2,3-cd)pireno (µg/l)	---	---	---	---	---	0	0	0	---
Magnésio (mg/l Mg)	---	---	---	---	---	0	0	0	---
Nitratos (mg/l NO ₃)	50	---	---	---	---	0	0	0	---
Nitritos (mg/l NO ₂)	0,50	---	---	---	---	0	0	0	---
Mercúrio (µg/l Hg)	1,0	---	---	---	---	0	0	0	---
Níquel (µg/l Ni)	20	---	---	---	---	0	0	0	---
Oxidabilidade (mg/l O ₂)	5,0	---	---	---	---	0	0	0	---
Selénio (µg/l Se)	10	---	---	---	---	0	0	0	---
Sódio (mg/l Na)	200	---	---	---	---	0	0	0	---
Sulfatos (mg/l SO ₄)	250	---	---	---	---	0	0	0	---
Tetracloroetano e Tricloroetano (µg/l)	10	---	---	---	---	0	0	0	---
Tetracloroetano (µg/l)	---	---	---	---	---	0	0	0	---
Tricloroetano (µg/l)	---	---	---	---	---	0	0	0	---
Trihalometanos - total (THM) (µg/l)	100	---	---	---	---	0	0	0	---
Clorofórmio (µg/l)	---	---	---	---	---	0	0	0	---
Bromofórmio (µg/l)	---	---	---	---	---	0	0	0	---
Bromodichlorometano (µg/l)	---	---	---	---	---	0	0	0	---
Dibromoclorometano (µg/l)	---	---	---	---	---	0	0	0	---
Pesticidas - total (µg/l)	0,50	---	---	---	---	0	0	0	---
Bentazona (µg/l)	0,10	---	---	---	---	0	0	0	---
Clorpirifos (µg/l)	0,10	< 0,0300	< 0,0300	0	100%	1	1	1	100%
Desetilterbutilazina (µg/L)	0,10	---	---	---	---	0	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	---	---	---	---	0	0	0	---
Metolaclo (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	100%
Terbutilazina (µg/l)	0,10	---	---	---	---	0	0	0	---
Ometoato (µg/l)	0,10	< 0,030	< 0,030	0	100%	1	1	1	100%
Imidaclopride (µg/l)	0,10	0,089	0,089	0	100%	1	1	1	100%
Simazina (µg/l)	0,10	---	---	---	---	0	0	0	---
Desetilsimazina (µg/l)	0,10	---	---	---	---	0	0	0	---
Metribuzina (µg/l)	0,10	---	---	---	---	0	0	0	---
Dimetenamida-P (µg/l)	0,10	---	---	---	---	0	0	0	---
Alfa total (Bq/l)	0,1	---	---	---	---	0	0	0	---
Dose indicativa (mSv)	0,10	---	---	---	---	0	0	0	---
Radão(Bq/l)	500	---	---	---	---	0	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: Daniel Cardoso

Data da publicação:

 05.09.23



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 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

2023

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	2	2	100%
Bactérias coliformes (UFC/100 ml)	0	0	0	0	100%	6	2	2	100%
Desinfetante residual (mg/l)	---	0,46	0,60	---	---	6	2	2	100%
Alumínio (µg/L Al)	200	11,3	11,3	0	100%	2	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	6,5	6,5	0	100%	2	1	1	100%
Condutividade a 20 °C (µS/cm)	2500	301	301	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	0	---	2	1	1	100%
Número de colónias a 37 °C (N/ml)	---	0	0	0	---	2	1	1	100%
Ferro (µg/l Fe)	200	< 20,0	< 20,0	0	100%	2	1	1	100%
Manganês (µg/l Mn)	50	< 4,0	< 4,0	0	100%	2	1	1	100%
Nitratos (mg/l NO ₃)	50	1,2	1,2	0	100%	2	1	1	100%
<i>Clostridium perfringens</i> (N/100 ml)	0	0	0	0	100%	2	1	1	100%
Amónio (mg/l NH ₄)	0,5	< 0,05	< 0,05	0	100%	1	1	1	100%
Antimónio (µg/l Sb)	5,0	< 1,0	< 1,0	0	100%	1	1	1	100%
Arsénio (µg/l As)	10	< 3,0	< 3,0	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)	1,0	0,042	0,042	0	100%	1	1	1	100%
Bromatos (µg/l BrO ₃)	10	< 5,0	< 5,0	0	100%	1	1	1	100%
Cádmio (µg/l Cd)	5,0	0,38	0,38	0	100%	1	1	1	100%
Cálcio (mg/l Ca)	---	15,4	15,4	0	---	1	1	1	100%
Cianetos (µg/l CN)	50	< 10	< 10	0	100%	1	1	1	100%
Cloretos (mg/l Cl)	250	77,7	77,7	0	100%	1	1	1	100%
Cloritos (mg/l ClO ₂)	0,7	< 0,02	< 0,02	0	100%	1	1	1	100%
Cloratos (mg/l ClO ₃)	0,7	< 0,08	< 0,08	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	0,005	0,005	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 ₃)	---	58,5	58,5	0	---	1	1	1	100%
Fluoretos (mg/l F)	1,5000	0,31	0,31	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	0	---	1	1	1	100%
Benzo(k)fluoranteno (µg/l)	---	< 0,0200	< 0,0200	0	---	1	1	1	100%
Benzo(ghi)perileno (µg/l)	---	< 0,0200	< 0,0200	0	---	1	1	1	100%
Indeno(1,2,3-cd)pireno (µg/l)	---	< 0,0200	< 0,0200	0	---	1	1	1	100%
Magnésio (mg/l Mg)	---	4,86	4,86	0	---	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	< 2,0	< 2,0	0	100%	1	1	1	100%
Oxidabilidade (mg/l O ₂)	5,0	3,0	3,0	0	100%	1	1	1	100%
Selénio (µg/l Se)	10	2,7	2,7	0	100%	1	1	1	100%
Sódio (mg/l Na)	200	29,1	29,1	0	100%	1	1	1	100%
Sulfatos (mg/l SO ₄)	250	< 10,0	< 10,0	0	100%	1	1	1	100%
Tetracloroetano e Tricloroetano (µg/l)	10	0,3	0,3	0	100%	1	1	1	100%
Tetracloroetano (µg/l)	---	0,20	0,20	0	---	1	1	1	100%
Tricloroetano (µg/l)	---	< 0,10	< 0,10	0	---	1	1	1	100%
Trihalometanos - total (THM) (µg/l)	100	6,31	6,31	0	100%	1	1	1	100%
Clorofórmio (µg/l)	---	1,42	1,42	0	---	1	1	1	100%
Bromofórmio (µg/l)	---	1,07	1,07	0	---	1	1	1	100%
Bromodichlorometano (µg/l)	---	1,65	1,65	0	---	1	1	1	100%
Dibromoclorometano (µg/l)	---	2,17	2,17	0	---	1	1	1	100%
Pesticidas - total (µg/l)	0,50	< 0,010	< 0,010	0	100%	1	2	2	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	< 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	125	125	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: Daniel Cardoso

Data da publicação: