

Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,2	0,6			2	2	100%
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Condutividade (µS/cm a 20°C)	2500	0	0	0	---	0	0	---
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---
Cor (mg/L PtCo)	20	0	0	0	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9	0	0	0	---	0	0	---
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0	0	0	---	0	0	---
Cheiro a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Sabor a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Turvação (NTU)	4	0	0	0	---	0	0	---
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/l ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/l ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Mercúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloretos (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/ L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	0	0	---
Tetracloroetano(µg/L)	---	0	0			0	0	---
Tricloroetano(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodichlorometano(µg/L)	---	0	0			0	0	---
Dibromodichlorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10							
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatraxina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Metolaclo (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade: (Bq/l)								
Radão (Bq/l)	500	0	0	0	---	0	0	---
Zona de abastecimento controlada: Aldeia Velha								
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Relativamente ao Edital Nº5/2022 (4º Trimestre_ 01 de out a 31 de dez), os resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).								
A Vereadora da Câmara:	(Inês Filipe Pereira da Fonseca)					28 de dezembro de 2022		





CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE VALONGO



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	%	N.º Análises (PCQA)		%
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,2	0,6			2	2	100%
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Condutividade (µS/cm a 20°C)	2500	0	0	0	---	0	0	---
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---
Cor (mg/L PtCo)	20	0	0	0	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9	0	0	0	---	0	0	---
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0	0	0	---	0	0	---
Cheiro a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Sabor a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Turvação (NTU)	4	0	0	0	---	0	0	---
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/l ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/l ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Mercúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloretos (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/ L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	0	0	0	---	0	0	---
Tetracloroeteno(µg/L)	---	0	0			0	0	---
Tricloroeteno(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodichlorometano(µg/L)	---	0	0			0	0	---
Dibromodichlorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10							
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrásina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatrásina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Metolaclo (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade: (Bq/l)								
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zona de abastecimento controlada: Valongo

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Em relação ao anterior edital (Edital Nº4/2022_3º Trimestre_01 de jul a 30 de set de 2022), ocorreu incumprimento ao parâmetro Ferro. Foram efetuadas purgas de água e análises de verificação, tendo já o mesmo parâmetro ficado em conformidade. Em relação ao atual edital (Edital nº5/2022_4º Trimestre de 2022), os resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

A Vereadora da Câmara:  (Inês Filipe Pereira da Fonseca) 28 de dezembro de 2022





CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE MONTE DOS BORREGOS



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

4º TRIMESTRE 2022
01 de OUT a 31 de DEZ

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	>100	>100	2	0%	2	2	100%
Desinfetante residual (mg/L)	---	0,2	<0,1			2	2	100%
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Condutividade (µS/cm a 20°C)	2500	0	0	0	---	0	0	---
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---
Cor (mg/L PtCo)	20	0	0	0	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9	0	0	0	---	0	0	---
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0	0	0	---	0	0	---
Cheiro a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Sabor a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Turvação (NTU)	4	0	0	0	---	0	0	---
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/l ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/l ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Mercúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloreto (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/ L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	0	0	---
Tetracloroetano(µg/L)	---	0	0			0	0	---
Tricloroetano(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodichlorometano(µg/L)	---	0	0			0	0	---
Dibromodichlorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10							
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatrazina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Metolaclo (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade: (Bq/l)								
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zona de abastecimento controlada: Monte dos Borregos

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Relativamente ao atual edital (Edital Nº5/2022_4º Trimestre_01 out a 31 de dez), ocorreram dois incumprimentos ao parâmetro Bactérias coliformes, no qual o do mês de outubro, ficou em conformidade em novembro com purgas de água e análises de verificação. Relativamente ao parâmetro de Bactérias coliformes do mês de dezembro, irão ser efetuadas purgas de água e análises de verificação. Esta foi devido à chuva intensa ocorrida durante a semana anterior. Os outros resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

A Vereadora da Câmara:

(Inês Filipe Pereira da Fonseca)

28 de dezembro de 2022



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE PISAO



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

4º TRIMESTRE 2022
01 de OUT a 31 de DEZ

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	1,3	>1,5			2	2	100%
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Condutividade (µS/cm a 20°C)	2500	0	0	0	---	0	0	---
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---
Cor (mg/L PtCo)	20	0	0	0	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9	0	0	0	---	0	0	---
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0	0	0	---	0	0	---
Cheiro a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Sabor a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Turvação (NTU)	4	0	0	0	---	0	0	---
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/l ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/l ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Mercúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloretos (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/ L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							---
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	0	0	---
Tetracloroetano(µg/L)	---	0	0			0	0	---
Tricloroetano(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodichlorometano(µg/L)	---	0	0			0	0	---
Dibromodichlorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10							
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatraxina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Metolaclo (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade: (Bq/l)								
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zona de abastecimento controlada: Pisão

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Relativamente ao atual edital (Edital Nº5/2022_4º Trimestre_01 de out a 31 dez), os resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

A Vereadora da Câmara:



(Inês Filipe Pereira da Fonseca)

28 de dezembro de 2022



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA
ZONA DE ABASTECIMENTO DE MARANHÃO



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

4º TRIMESTRE 2022
01 de OUT a 31 de DEZ

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,4	0,5			2	2	100%
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Condutividade (µS/cm a 20°C)	2500	0	0	0	---	0	0	---
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---
Cor (mg/L PtCo)	20	0	0	0	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9	0	0	0	---	0	0	---
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0	0	0	---	0	0	---
Cheiro a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Sabor a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Turvação (NTU)	4	0	0	0	---	0	0	---
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/l ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/l ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Mercúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloretos (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/ L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	0	0	0	---	0	0	---
Tetracloroeteno(µg/L)	---	0	0			0	0	---
Tricloroeteno(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodichlorometano(µg/L)	---	0	0			0	0	---
Dibromodichlorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10							
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrasina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilazina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Metolaclo (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade: (Bq/l)								
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zona de abastecimento controlada: Maranhão

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Em relação ao atual edital (Edital Nº5/2022_4º Trimestre_01 de out a 31 de dez), os resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

A Vereadora da Câmara:



(Inês Filipe Pereira da Fonseca)

28 de dezembro de 2022



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE FIGUEIRA E BARROS



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

4º TRIMESTRE 2022
01 de OUT a 31 de DEZ

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,4	0,8			2	2	100%
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	0			0	0	---
Condutividade (µS/cm a 20°C)	2500	0	0	0	---	0	0	---
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---
Cor (mg/L PtCo)	20	0	0	0	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9	0	0	0	---	0	0	---
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0	0	0	---	0	0	---
Cheiro a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Sabor a 25°C (Factor de diluição)	3	0	0	0	---	0	0	---
Turvação (NTU)	4	0	0	0	---	0	0	---
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/L ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/L ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	---	0	0	---
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Mercúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloreto (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	0	0	---
Tetracloroetano(µg/L)	---	0	0			0	0	---
Tricloroetano(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodiclorometano(µg/L)	---	0	0			0	0	---
Dibromodiclorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10							
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrasina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatrásina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Metolacloz (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade: (Bq/l)								
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zona de abastecimento controlada: Figueira e Barros

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Em relação ao atual edital (Edital Nº5/2022_4º Trimestre_01 de out a 31 de dez de 2022), os resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

A Vereadora da Câmara:

(Inês Filipe Pereira da Fonseca)

28 de dezembro de 2022





CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO
NAS ZONAS DE ABASTECIMENTOS DE AVIS/ BENAVIDA/
ALCÓRREGO



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	3	3	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	3	3	100%
Desinfetante residual (mg/L)	---	0,4	1,1			3	3	100%
Alumínio (µg/L Al)	200	74	74	0	100%	1	1	100%
Amónio (mg/L NH ₄)	0,50	<0,02	<0,02	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	<1	<1			1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	<1	<1			1	1	100%
Condutividade (µS/cm a 20°C)	2500	268	268	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<2	<2	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	8,1	8,1	0	100%	1	1	100%
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	<15	<15	0	100%	1	1	100%
Nitratos ² (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	2,8	2,8	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,30	<0,30	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/L ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/L ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Merúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloratos (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/ L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	0	0	---
Tetracloroetano(µg/L)	---	0	0			0	0	---
Tricloroetano(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodichlorometano(µg/L)	---	0	0			0	0	---
Dibromodichlorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10							
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrásina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatrásina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Metolaclo (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade: (Bq/l)								
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zonas de abastecimentos controladas: Avis/ Benavila /Alcórrego

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Relativamente ao Edital Nº5/2022 (4º Trimestre_ 01 de out a 31 de dez), os resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

A Vereadora da Câmara:



(Inês Filipe Pereira da Fonseca)

28 de dezembro de 2022



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO DE ERVEDAL



Em conformidade com o Dec. Lei n.º 152/2017 de 7 de dezembro de 2017, 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

TRIMESTRE 2022
01 de OUT a 31 de DEZ

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 152/2017	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	3	3	100%
Bactérias coliformes (N/100 ml)	0	0	68	1	67%	3	3	100%
Desinfetante residual (mg/L)	---	<0,1	>1,5			3	3	100%
Alumínio (µg/L Al)	200	0	0	0	---	0	0	---
Amónio (mg/L NH ₄)	0,50	0	0	0	---	0	0	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	<1	<1			1	1	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	<1	<1			1	1	100%
Condutividade (µS/cm a 20°C)	2500	662	662	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	---	0	0	---
Cor (mg/L PtCo)	20	<2	<2	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,4	7,4	0	100%	1	1	100%
Ferro (µg/L Fe)	200	0	0	0	---	0	0	---
Manganês (µg/L Mn)	50	0	0	0	---	0	0	---
Nitratos ²⁻ (mg/L NO ₃)	50	0	0	0	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	0	0	0	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0	0	0	---	0	0	---
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,3	<0,3	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	0	0	0	---	0	0	---
Arsénio (µg/L As)	10	0	0	0	---	0	0	---
Benzeno (µg/L)	1,0	0	0	0	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	0	0	0	---	0	0	---
Boro (mg/L B)	1,0	0	0	0	---	0	0	---
Bromatos (µg/L BrO ₃)	10	0	0	0	---	0	0	---
Cádmio (µg/L Cd)	5,0	0	0	0	---	0	0	---
Cálcio (mg/L Ca)	---	0	0			0	0	---
Chumbo (µg/L Pb)	10	0	0	0	---	0	0	---
Cianetos (µg/L CN)	50	0	0	0	---	0	0	---
Cloratos (mg/l ClO ₂)	0,7	0	0	0	---	0	0	---
Cloritos (mg/l ClO)	0,7	0	0	0	---	0	0	---
Cobre (mg/L Cu)	2,0	0	0	0	---	0	0	---
Crómio (µg/L Cr)	50	0	0	0	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	0	0	0	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	0	0			0	0	---
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos (mg/L F)	1,5	0	0	0	---	0	0	---
Magnésio (mg/L Mg)	---	0	0			0	0	---
Mercúrio (µg/L Hg)	1	0	0	0	---	0	0	---
Níquel (µg/L Ni)	20	0	0	0	---	0	0	---
Selénio (µg/L Se)	10	0	0	0	---	0	0	---
Cloretos (mg/L Cl)	250	0	0	0	---	0	0	---
Sódio (mg/L Na)	200	0	0	0	---	0	0	---
Dose Indicativa Total (mSv/ano)	0,10	0	0	0	---	0	0	---
Actividade alfa total (referida a Am) (Bq/ L)	0,10	0	0	0	---	0	0	---
Actividade beta total (referida a K) (Bq/L)	1,0							
Sulfatos (mg/L SO ₄)	250	0	0	0	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L):	10	0	0	0	---	0	0	---
Tetracloroetano(µg/L)	---	0	0			0	0	---
Tricloroetano(µg/L)	---	0	0			0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	0	0	0	---	0	0	---

Benzo(b)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(k)fluoranteno (µg/L)	---	0	0			0	0	---
Benzo(ghi)perileno (µg/L)	---	0	0			0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	0	0			0	0	---
Trihalometanos - total (µg/L):	100	0	0	0	---	0	0	---
Clorofórmio(µg/L)	---	0	0			0	0	---
Bromofórmio(µg/L)	---	0	0			0	0	---
Bromodichlorometano(µg/L)	---	0	0			0	0	---
Dibromodichlorometano(µg/L)	---	0	0			0	0	---
Pesticidas – total (µg/L)	0,50	0	0	0	---	0	0	---
Alacloro (µg/L)	0,10	0	0	0	---	0	0	---
Clortolurão (µg/L)	0,10							
Bentazona (µg/L)	0,10	0	0	0	---	0	0	---
Terbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilterbutilazina (µg/L)	0,10	0	0	0	---	0	0	---
Atrásina (µg/L)	0,10	0	0	0	---	0	0	---
Desetilatrásina (µg/L)	0,10	0	0	0	---	0	0	---
MCPA (µg/L)	0,10	0	0	0	---	0	0	---
Ometoato (µg/L)	0,10	0	0	0	---	0	0	---
Clorpirifos (µg/L)	0,10	0	0	0	---	0	0	---
Linurão (µg/L)	0,10	0	0	0	---	0	0	---
Imidaclopride (µg/L)	0,10	0	0	0	---	0	0	---
Tebuconazol (µg/L)	0,10	0	0	0	---	0	0	---
Dimetoato (µg/L)	0,10	0	0	0	---	0	0	---
Metolaclo (µg/L)	0,10	0	0	0	---	0	0	---
Oxadiazão (µg/L)	0,10	0	0	0	---	0	0	---
Radioatividade:	(Bq/l)							
Radão (Bq/l)	500	0	0	0	---	0	0	---

Zona de abastecimento controlada: Ervedal

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Em relação ao atual Edital N.º 5/2022 (4.º trimestre_ 01 de out a 31 de dez), houve incumprimento ao parâmetro Bactérias coliformes. Irão ser efetuadas purgas de água e análises de verificação. Relativamente aos outros resultados encontram-se em conformidade com os valores paramétricos (Dec. Lei n.º 152/2017 de 7 de dezembro de 2017).

A Vereadora da Câmara:

(Inês Filipe Pereira da Fonseca)

28 de dezembro de 2022

