



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MIRANDA DO DOURO

1º TRIMESTRE 2026

Município de Miranda do Douro	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MIRANDA DO DOURO						1º TRIMESTRE		
	ZONA DE ABASTECIMENTO: ÁGUAS VIVAS						2026		
	Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo consta no Programa de Controlo da Qualidade da Água (PCQA), aprovado pela autoridade competente (ERSAR).								
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	N/100 ml	0	0	0	100%	2	2	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	2	2	100%
Desinfetante residual	---	mg/l	0,34	0,38	---	---	2	2	100%
Cheiro a 25 ºC	3	Fator de diluição	---	---	---	---	0	0	---
Sabor a 25 ºC	3	Fator de diluição	---	---	---	---	0	0	---
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	0	0	---
Condutividade	2500	µS/cm a 20 ºC	---	---	---	---	0	0	---
Cor	20	mg/l PtCo	---	---	---	---	0	0	---
Turvação	4	UNT	---	---	---	---	0	0	---
Enterococos	0	N/100 ml	---	---	---	---	0	0	---
Número de colónias a 22 ºC	---	N/ml	---	---	---	---	0	0	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	0	0	---
Ácidos Haloacéticos (HAA)	60	µg/l	---	---	---	---	0	0	---
Ácido monocloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido dicloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido tricloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido monobromoacético	---	µg/l	---	---	---	---	0	0	---
Ácido dibromoacético	---	µg/l	---	---	---	---	0	0	---
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/l NH4	---	---	---	---	0	0	---
Antimónio	10,00	µg/l Sb	---	---	---	---	0	0	---
Arsénio	10	µg/l As	---	---	---	---	0	0	---
Benzeno	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Bisfenol A	2,5	µg/l	---	---	---	---	0	0	---
Boro	1,5	mg/l B	---	---	---	---	0	0	---
Bromatos	10	µg/l BrO3	---	---	---	---	0	0	---
Cádmio	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Cianetos	50	µg/l CN	---	---	---	---	0	0	---
Cloretos	250	mg/l Cl	---	---	---	---	0	0	---
Cloritos	0,25	mg/l ClO2	---	---	---	---	0	0	---
Cloratos	0,25	mg/l ClO3	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO3	---	---	---	---	0	0	---
Ferro	200	µg/l Fe	---	---	---	---	0	0	---
Fluoretos	1,5	mg/l F	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indenol(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Mercurio	1,0	µg/l Hg	---	---	---	---	0	0	---
Nitratos	50	mg/l NO3	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO2	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	0	0	---
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
MCPA	0,10	µg/l	---	---	---	---	0	0	---
Bentazona	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Potássio	---	mg/l K	---	---	---	---	0	0	---
Selénio	20	µg/l Se	---	---	---	---	0	0	---
Sódio	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos	250	mg/l SO4	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno	10	µg/l	---	---	---	---	0	0	---
Tetracloroeteno	---	µg/l	---	---	---	---	0	0	---
Tricloroeteno	---	µg/l	---	---	---	---	0	0	---
Soma de PFAS	0,10	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorooctanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorotridecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorooctanoanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorotridecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total (THM)	100	µg/l	---	---	---	---	0	0	---

Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodiclorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Urânio	30	µg/l	---	---	---	---	0	0	---
Alfa Total	---	Bq/l	---	---	---	---	0	0	---
Dose indicativa	0,10	mSv	---	---	---	---	0	0	---
Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não aplicável por não terem existido incumprimentos neste trimestre.									
O presidente: Dr ^a . Helena M. da Silva Ventura Barril						Data da publicitação: 2026/ 05/ 29			

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	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MIRANDA DO DOURO						1º TRIMESTRE		
	ZONA DE ABASTECIMENTO: <i>BARROCAL DO DOURO</i>						2026		
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo consta no Programa de Controlo da Qualidade da Água (PCQA), aprovado pela autoridade competente (ERSAR).									
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	---	mg/l	0,21	0,50	---	---	3	3	100%
Cheiro a 25 ºC	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	8,1	8,1	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	364	364	0	100%	1	1	100%
Cor	20	mg/l PtCo	< 3	< 3	0	100%	1	1	100%
Turvação	4	UNT	< 1	< 1	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	N/ml	2	2	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Ácidos Haloacéticos (HAA)	60	µg/l	27,2	27,2	0	100%	1	1	100%
Ácido monocloroacético	---	µg/l	< 1	< 1	---	---	1	1	100%
Ácido dicloroacético	---	µg/l	5,75	5,75	---	---	1	1	100%
Ácido tricloroacético	---	µg/l	21,4	21,4	---	---	1	1	100%
Ácido monobromoacético	---	µg/l	< 1	< 1	---	---	1	1	100%
Ácido dibromoacético	---	µg/l	< 0,5	< 0,5	---	---	1	1	100%
Alumínio	200	µg/L Al	48	48	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	< 0,05	< 0,05	0	100%	1	1	100%
Antimónio	10,00	µg/l Sb	< 0,5	< 0,5	0	100%	1	1	100%
Arsénio	10	µg/l As	< 3	< 3	0	100%	1	1	100%
Benzeno	1,0	µg/l	< 0,2	< 0,2	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	< 0,003	< 0,003	0	100%	1	1	100%
Bisfenol A	2,5	µg/l	< 0,05	< 0,05	0	100%	1	1	100%
Boro	1,5	mg/l B	0,011	0,011	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	< 3	< 3	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	< 0,5	< 0,5	0	100%	1	1	100%
Cálcio	---	mg/l Ca	47,5	47,5	---	---	1	1	100%
Cianetos	50	µg/l CN	< 10	< 10	0	100%	1	1	100%
Cloretos	250	mg/l Cl	20,7	20,7	0	100%	1	1	100%
Cloritos	0,25	mg/l ClO ₂	< 0,02	< 0,02	0	100%	1	1	100%
Cloratos	0,25	mg/l ClO ₃	< 0,08	< 0,08	0	100%	1	1	100%
Chumbo	10	µg/l Pb	< 0,5	< 0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	0,0011	0,0011	0	100%	1	1	100%
Crómio	50	µg/l Cr	4,2	4,2	0	100%	1	1	100%
1,2 – dicloroetano	3,0	µg/l	< 0,75	< 0,75	0	100%	1	1	100%
Dureza total	---	mg/l CaCO ₃	155	155	---	---	1	1	100%
Ferro	200	µg/l Fe	< 5	< 5	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	< 0,2	< 0,2	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	< 0,02	< 0,02	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Indenol(1,2,3-cd)pireno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Magnésio	---	mg/l Mg	8,9	8,9	---	---	1	1	100%
Manganês	50	µg/l Mn	< 5	< 5	0	100%	1	1	100%
Mercúrio	1,0	µg/l Hg	< 0,01	< 0,01	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	5,9	5,9	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	< 0,1	< 0,1	0	100%	1	1	100%
Níquel	20	µg/l Ni	1,1	1,1	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O ₂	< 1	< 1	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Glifosato	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
M656PH051	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
MCPA	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
AMPA	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Potássio	---	mg/l K	2,9	2,9	---	---	1	1	100%
Selénio	20	µg/l Se	< 0,5	< 0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	12,7	12,7	0	100%	1	1	100%
Sulfatos	250	mg/l SO ₄	< 10	< 10	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno	10	µg/l	< 0,2	< 0,2	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	< 0,2	< 0,2	0	100%	1	1	100%
Tricloroeteno	---	µg/l	< 0,1	< 0,1	0	100%	1	1	100%

Soma de PFAS	0,10	µg/l	0,00076	0,00076	0	100%	1	1	100%
Ácido perfluorobutanóico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluoropentanóico	---	µg/l	0,00039	0,00039	---	---	1	1	100%
Ácido perfluorohexanóico	---	µg/l	0,00037	0,00037	---	---	1	1	100%
Ácido perfluoroheptanóico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorooctanóico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorononanóico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorodecanóico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluoroundecanóico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorododecanóico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorotridecanóico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorobutanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluoropentanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorohexanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluoroheptanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorooctanoanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorononanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorodecanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluoroundecanossulfónico	---	µg/l	< 0,001	< 0,001	---	---	1	1	100%
Ácido perfluorododecanossulfónico	---	µg/l	< 0,0003	< 0,0003	---	---	1	1	100%
Ácido perfluorotridecanossulfónico	---	µg/l	< 0,001	< 0,001	---	---	1	1	100%
Trihalometanos - total (THM)	100	µg/l	64,9	64,9	0	100%	1	1	100%
Clorofórmio	---	µg/l	42,8	42,8	---	---	1	1	100%
Bromofórmio	---	µg/l	< 0,2	< 0,2	---	---	1	1	100%
Bromodiclorometano	---	µg/l	16,6	16,6	---	---	1	1	100%
Dibromoclorometano	---	µg/l	5,51	5,51	---	---	1	1	100%
Urânio	30	µg/l	0,61	0,61	0	100%	1	1	100%
Alfa Total	---	Bq/l	< 0,04	< 0,04	---	---	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	100%	1	1	100%
Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não aplicável por não terem existido incumprimentos neste trimestre.									
O presidente: Dr ^a . Helena M. da Silva Ventura Barril						Data da publicitação: 2026/ 05/ 29			

	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE						1º TRIMESTRE		
	MIRANDA DO DOURO								
	ZONA DE ABASTECIMENTO: <i>FONTE ALDEIA</i>						2026		
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo consta no Programa de Controlo da Qualidade da Água (PCQA), aprovado pela autoridade competente (ERSAR).									
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Bactérias coliformes	0	N/100 ml	6	6	1	0%	1	1	100%
Desinfetante residual	---	mg/l	0,20	0,20	---	---	1	1	100%
Cheiro a 25 ºC	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,7	7,7	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 ºC	304	304	0	100%	1	1	100%
Cor	20	mg/l PtCo	< 3	< 3	0	100%	1	1	100%
Turvação	4	UNT	6	6	1	0%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 ºC	---	N/ml	2	2	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Ácidos Haloacéticos (HAA)	60	µg/l	---	---	---	---	0	0	---
Ácido monocloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido dicloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido tricloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido monobromoacético	---	µg/l	---	---	---	---	0	0	---
Ácido dibromoacético	---	µg/l	---	---	---	---	0	0	---
Alumínio	200	µg/L Al	479	479	1	0%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	---	---	---	0	0	---
Antimónio	10,00	µg/l Sb	---	---	---	---	0	0	---
Arsénio	10	µg/l As	---	---	---	---	0	0	---
Benzeno	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Bisfenol A	2,5	µg/l	---	---	---	---	0	0	---
Boro	1,5	mg/l B	---	---	---	---	0	0	---
Bromatos	10	µg/l BrO ₃	---	---	---	---	0	0	---
Cádmio	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Cianetos	50	µg/l CN	---	---	---	---	0	0	---
Cloretos	250	mg/l Cl	---	---	---	---	0	0	---
Cloritos	0,25	mg/l ClO ₂	---	---	---	---	0	0	---
Cloratos	0,25	mg/l ClO ₃	0,08	0,08	0	100%	1	1	100%
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO ₃	---	---	---	---	0	0	---
Ferro	200	µg/l Fe	110	110	0	100%	1	1	100%

Fluoretos	1,5	mg/l F	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indenol(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	0	0	---
Nitratos	50	mg/l NO ₃	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO ₂	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Oxidabilidade	5,0	mg/l O ₂	---	---	---	---	0	0	---
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
MCPA	0,10	µg/l	---	---	---	---	0	0	---
Bentazona	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Potássio	---	mg/l K	---	---	---	---	0	0	---
Selénio	20	µg/l Se	---	---	---	---	0	0	---
Sódio	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno	10	µg/l	---	---	---	---	0	0	---
Tetracloroeteno	---	µg/l	---	---	---	---	0	0	---
Tricloroeteno	---	µg/l	---	---	---	---	0	0	---
Soma de PFAS	0,10	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorooctanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorotridecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorooctanoanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorotridecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total (THM)	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodiclorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Urânio	30	µg/l	---	---	---	---	0	0	---
Alfa Total	---	Bq/l	---	---	---	---	0	0	---
Dose indicativa	0,10	mSv	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---
Informação complementar relativa à averiguação das situações de incumprimento dos VP: Os incumprimentos dos parâmetros alumínio, bactérias coliformes e turvação ficaram associados à degradação temporária da qualidade da água bruta, decorrente da elevada pluviosidade registada. Foram implementadas medidas corretivas imediatas, incluindo limpeza e desinfecção das infraestruturas de tratamento, otimização do processo de tratamento e reforço da gestão das origens de abastecimento. A situação encontra-se estabilizada e controlada, não existindo histórico de incumprimentos sistemáticos destes parâmetros na zona de abastecimento.									
O presidente: Dr ^a . Helena M. da Silva Ventura Barril						Data da publicação: 2026/ 05/ 29			

	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MIRANDA DO DOURO						1º TRIMESTRE		
	ZONA DE ABASTECIMENTO: <i>FONTE LADRÃO</i>						2026		
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo consta no Programa de Controlo da Qualidade da Água (PCQA), aprovado pela autoridade competente (ERSAR).									
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	

Escherichia coli (E. Coli)	0	N/100 ml	0	0	0	100%	1	1	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	0,50	0,50	---	---	1	1	100%
Cheiro a 25 °C	3	Fator de diluição	---	---	---	---	0	0	---
Sabor a 25 °C	3	Fator de diluição	---	---	---	---	0	0	---
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	0	0	---
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	0	0	---
Cor	20	mg/l PtCo	---	---	---	---	0	0	---
Turvação	4	UNT	---	---	---	---	0	0	---
Enterococos	0	N/100 ml	---	---	---	---	0	0	---
Número de colônias a 22 °C	---	N/ml	---	---	---	---	0	0	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	0	0	---
Ácidos Haloacéticos (HAA)	60	µg/l	---	---	---	---	0	0	---
Ácido monocloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido dicloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido tricloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido monobromoacético	---	µg/l	---	---	---	---	0	0	---
Ácido dibromoacético	---	µg/l	---	---	---	---	0	0	---
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amônio	0,50	mg/l NH ₄	---	---	---	---	0	0	---
Antimônio	10,00	µg/l Sb	---	---	---	---	0	0	---
Arsênio	10	µg/l As	---	---	---	---	0	0	---
Benzeno	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Bisfenol A	2,5	µg/l	---	---	---	---	0	0	---
Boro	1,5	mg/l B	---	---	---	---	0	0	---
Bromatos	10	µg/l BrO ₃	---	---	---	---	0	0	---
Cádmio	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Cianetos	50	µg/l CN	---	---	---	---	0	0	---
Cloretos	250	mg/l Cl	---	---	---	---	0	0	---
Cloritos	0,25	mg/l ClO ₂	---	---	---	---	0	0	---
Cloratos	0,25	mg/l ClO ₃	---	---	---	---	0	0	---
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crômio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO ₃	---	---	---	---	0	0	---
Ferro	200	µg/l Fe	---	---	---	---	0	0	---
Fluoretos	1,5	mg/l F	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indenol(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	0	0	---
Nitratos	50	mg/l NO ₃	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO ₂	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Oxidabilidade	5,0	mg/l O ₂	---	---	---	---	0	0	---
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
MCPA	0,10	µg/l	---	---	---	---	0	0	---
Bentazona	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Potássio	---	mg/l K	---	---	---	---	0	0	---
Selênio	20	µg/l Se	---	---	---	---	0	0	---
Sódio	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno	10	µg/l	---	---	---	---	0	0	---
Tetracloroeteno	---	µg/l	---	---	---	---	0	0	---
Tricloroeteno	---	µg/l	---	---	---	---	0	0	---
Soma de PFAS	0,10	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorooctanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanóico	---	µg/l	---	---	---	---	0	0	---

Ácido perfluorotridecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorooctanoanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorotridecanossulfónico	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total (THM)	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodiclorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Urânio	30	µg/l	---	---	---	---	0	0	---
Alfa Total	---	Bq/l	---	---	---	---	0	0	---
Dose indicativa	0,10	mSv	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---
Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não aplicável por não terem existido incumprimentos neste trimestre.									
O presidente: Dr ^a . Helena M. da Silva Ventura Barril						Data da publicação: 2026/ 05/ 29			

	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MIRANDA DO DOURO						1º TRIMESTRE		
	ZONA DE ABASTECIMENTO: <i>MIRANDA DO DOURO</i>						2026		
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo consta no Programa de Controlo da Qualidade da Água (PCQA), aprovado pela autoridade competente (ERSAR).									
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	4	1	67%	3	3	100%
Desinfetante residual	---	mg/l	0,36	0,50	---	---	3	3	100%
Cheiro a 25 °C	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%
Sabor a 25 °C	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,7	7,7	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	478	478	0	100%	1	1	100%
Cor	20	mg/l PtCo	< 3	< 3	0	100%	1	1	100%
Turvação	4	UNT	< 1	< 1	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	3	3	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Ácidos Haloacéticos (HAA)	60	µg/l	66	66	1	0%	1	1	100%
Ácido monocloroacético	---	µg/l	< 3	< 3	---	---	1	1	100%
Ácido dicloroacético	---	µg/l	22	22	---	---	1	1	100%
Ácido tricloroacético	---	µg/l	44	44	---	---	1	1	100%
Ácido monobromoacético	---	µg/l	< 3	< 3	---	---	1	1	100%
Ácido dibromoacético	---	µg/l	< 3	< 3	---	---	1	1	100%
Alumínio	200	µg/L Al	203	203	1	0%	1	1	100%
Amónio	0,50	mg/l NH ₄	< 0,05	< 0,05	0	100%	1	1	100%
Antimónio	10,00	µg/l Sb	< 0,5	< 0,5	0	100%	1	1	100%
Arsénio	10	µg/l As	< 3	< 3	0	100%	1	1	100%
Benzeno	1,0	µg/l	< 0,2	< 0,2	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	< 0,003	< 0,003	0	100%	1	1	100%
Bisfenol A	2,5	µg/l	< 0,05	< 0,05	0	100%	1	1	100%
Boro	1,5	mg/l B	< 0,01	< 0,01	0	100%	1	1	100%
Bromatos	10	µg/l BrO ₃	< 3	< 3	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	< 0,5	< 0,5	0	100%	1	1	100%
Cálcio	---	mg/l Ca	49,2	49,2	---	---	1	1	100%
Cianetos	50	µg/l CN	< 10	< 10	0	100%	1	1	100%
Cloretos	250	mg/l Cl	35,2	35,2	0	100%	1	1	100%
Cloritos	0,25	mg/l ClO ₂	< 0,02	< 0,02	0	100%	1	1	100%
Cloratos	0,25	mg/l ClO ₃	0,08	0,08	0	100%	1	1	100%
Chumbo	10	µg/l Pb	< 0,5	< 0,5	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	0,000874	0,000874	0	100%	1	1	100%
Crómio	50	µg/l Cr	< 0,5	< 0,5	0	100%	1	1	100%
1,2 – dicloroetano	3,0	µg/l	< 0,75	< 0,75	0	100%	1	1	100%
Dureza total	---	mg/l CaCO ₃	162	162	---	---	1	1	100%
Ferro	200	µg/l Fe	< 5	< 5	0	100%	1	1	100%
Fluoretos	1,5	mg/l F	< 0,2	< 0,2	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	< 0,02	< 0,02	0	100%	1	1	100%

Benzo(b)fluoranteno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Indenol(1,2,3-cd)pireno	---	µg/l	< 0,02	< 0,02	---	---	1	1	100%
Magnésio	---	mg/l Mg	9,6	9,6	---	---	1	1	100%
Manganês	50	µg/l Mn	< 5	< 5	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	< 0,3	< 0,3	0	100%	1	1	100%
Nitratos	50	mg/l NO ₃	20,6	20,6	0	100%	1	1	100%
Nitritos	0,50	mg/l NO ₂	< 0,1	< 0,1	0	100%	1	1	100%
Níquel	20	µg/l Ni	0,716	0,716	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O ₂	3	3	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Dimetenamida-P	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Glifosato	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Terbutilazina	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
M656PH051	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Imidaclopride	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
MCPA	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Bentazona	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
AMPA	0,10	µg/l	< 0,03	< 0,03	0	100%	1	1	100%
Potássio	---	mg/l K	< 2,5	< 2,5	---	---	1	1	100%
Selénio	20	µg/l Se	< 0,5	< 0,5	0	100%	1	1	100%
Sódio	200	mg/l Na	15,6	15,6	0	100%	1	1	100%
Sulfatos	250	mg/l SO ₄	81	81	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno	10	µg/l	< 0,2	< 0,2	0	100%	1	1	100%
Tetracloroeteno	---	µg/l	< 0,2	< 0,2	0	100%	1	1	100%
Tricloroeteno	---	µg/l	< 0,1	< 0,1	0	100%	1	1	100%
Soma de PFAS	0,10	µg/l	< 0,002	< 0,002	0	100%	1	1	100%
Ácido perfluorobutanóico	---	µg/l	< 0,01	< 0,01	---	---	1	1	100%
Ácido perfluoropentanóico	---	µg/l	< 0,01	< 0,01	---	---	1	1	100%
Ácido perfluorohexanóico	---	µg/l	< 0,005	< 0,005	---	---	1	1	100%
Ácido perfluoroheptanóico	---	µg/l	< 0,01	< 0,01	---	---	1	1	100%
Ácido perfluorooctanóico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorononanóico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorodecanóico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluoroundecanóico	---	µg/l	< 0,01	< 0,01	---	---	1	1	100%
Ácido perfluorododecanóico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorotridecanóico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorobutanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluoropentanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorohexanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluoroheptanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorooctanoanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorononanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorodecanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluoroundecanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorododecanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Ácido perfluorotridecanossulfónico	---	µg/l	< 0,002	< 0,002	---	---	1	1	100%
Trihalometanos - total (THM)	100	µg/l	70,1	70,1	0	---	1	1	100%
Clorofórmio	---	µg/l	52	52	---	---	1	1	100%
Bromofórmio	---	µg/l	< 0,2	< 0,2	---	---	1	1	100%
Bromodiclorometano	---	µg/l	15,8	15,8	---	---	1	1	100%
Dibromoclorometano	---	µg/l	2,33	2,33	---	---	1	1	100%
Urânio	30	µg/l	< 0,1	< 0,1	0	---	1	1	100%
Alfa Total	---	Bq/l	0,05	0,05	---	---	1	1	100%
Dose indicativa	0,10	mSv	< 0,1	< 0,1	0	---	1	1	100%
Informação complementar relativa à averiguação das situações de incumprimento dos VP: Os incumprimentos pontuais dos parâmetros alumínio, bactérias coliformes e ácidos haloacéticos ficaram associados à degradação temporária da qualidade da água bruta, decorrente da elevada pluviosidade registada. Foram implementadas medidas corretivas imediatas, incluindo limpeza e desinfecção das infraestruturas de tratamento, otimização do processo de tratamento e reforço da gestão das origens de abastecimento. A situação encontra-se estabilizada e controlada, não existindo histórico de incumprimentos sistemáticos destes parâmetros na zona de abastecimento.									
O presidente: Dr ^a . Helena M. da Silva Ventura Barril					Data da publicação: 2026/ 05/ 29				

	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MIRANDA DO DOURO						1º TRIMESTRE		
	ZONA DE ABASTECIMENTO: SÃO MARTINHO ANGUEIRA						2026		
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo consta no Programa de Controlo da Qualidade da Água (PCQA), aprovado pela autoridade competente (ERSAR).									
Parâmetro (unidades)	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. Coli)	0	N/100 ml	0	0	0	100%	2	2	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	2	2	100%
Desinfetante residual	---	mg/l	0,32	0,40	---	---	2	2	100%
Cheiro a 25 ºC	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%
Sabor a 25 ºC	3	Fator de diluição	< 1	< 1	0	100%	1	1	100%

pH	≥6,5 e ≤9,5	Unidades pH	8,1	8,1	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	371	371	0	100%	1	1	100%
Cor	20	mg/l PtCo	< 3	< 3	0	100%	1	1	100%
Turvação	4	UNT	< 1	< 1	0	100%	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%
Número de colónias a 22 °C	---	N/ml	0	0	---	---	1	1	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%
Ácidos Haloacéticos (HAA)	60	µg/l	---	---	---	---	0	0	---
Ácido monocloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido dicloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido tricloroacético	---	µg/l	---	---	---	---	0	0	---
Ácido monobromoacético	---	µg/l	---	---	---	---	0	0	---
Ácido dibromoacético	---	µg/l	---	---	---	---	0	0	---
Alumínio	200	µg/L Al	98	98	0	100%	1	1	100%
Amónio	0,50	mg/l NH ₄	---	---	---	---	0	0	---
Antimónio	10,00	µg/l Sb	---	---	---	---	0	0	---
Arsénio	10	µg/l As	---	---	---	---	0	0	---
Benzeno	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---
Bisfenol A	2,5	µg/l	---	---	---	---	0	0	---
Boro	1,5	mg/l B	---	---	---	---	0	0	---
Bromatos	10	µg/l BrO ₃	---	---	---	---	0	0	---
Cádmio	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---
Cianetos	50	µg/l CN	---	---	---	---	0	0	---
Cloretos	250	mg/l Cl	---	---	---	---	0	0	---
Cloritos	0,25	mg/l ClO ₂	---	---	---	---	0	0	---
Cloratos	0,25	mg/l ClO ₃	< 0,08	< 0,08	0	---	1	1	100%
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---
Crómio	50	µg/l Cr	---	---	---	---	0	0	---
1,2 – dicloroetano	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO ₃	---	---	---	---	0	0	---
Ferro	200	µg/l Fe	---	---	---	---	0	0	---
Fluoretos	1,5	mg/l F	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/l	---	---	---	---	0	0	---
Indenol(1,2,3-cd)pireno	---	µg/l	---	---	---	---	0	0	---
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---
Manganês	50	µg/l Mn	---	---	---	---	0	0	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	0	0	---
Nitratos	50	mg/l NO ₃	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO ₂	---	---	---	---	0	0	---
Níquel	20	µg/l Ni	---	---	---	---	0	0	---
Oxidabilidade	5,0	mg/l O ₂	---	---	---	---	0	0	---
Pesticidas - total	0,50	µg/l	---	---	---	---	0	0	---
Dimetenamida-P	0,10	µg/l	---	---	---	---	0	0	---
Glifosato	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
M656PH051	0,10	µg/l	---	---	---	---	0	0	---
Imidaclopride	0,10	µg/l	---	---	---	---	0	0	---
MCPA	0,10	µg/l	---	---	---	---	0	0	---
Bentazona	0,10	µg/l	---	---	---	---	0	0	---
AMPA	0,10	µg/l	---	---	---	---	0	0	---
Potássio	---	mg/l K	---	---	---	---	0	0	---
Selénio	20	µg/l Se	---	---	---	---	0	0	---
Sódio	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno	10	µg/l	---	---	---	---	0	0	---
Tetracloroeteno	---	µg/l	---	---	---	---	0	0	---
Tricloroeteno	---	µg/l	---	---	---	---	0	0	---
Soma de PFAS	0,10	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorooctanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorotridecanóico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorobutanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoropentanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorohexanossulfónico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroheptanossulfónico	---	µg/l	---	---	---	---	0	0	---

Ácido perfluorooctanoanossulfônico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorononanossulfônico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorodecanossulfônico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluoroundecanossulfônico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorododecanossulfônico	---	µg/l	---	---	---	---	0	0	---
Ácido perfluorotridecanossulfônico	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total (THM)	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodiclorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Urânio	30	µg/l	---	---	---	---	0	0	---
Alfa Total	---	Bq/l	---	---	---	---	0	0	---
Dose indicativa	0,10	mSv	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---
Informação complementar relativa à averiguação das situações de incumprimento dos VP: Não aplicável por não terem existido incumprimentos neste trimestre.									
O presidente: Dr ^a . Helena M. da Silva Ventura Barril						Data da publicação: 2026/ 05/ 29			