



Divisão de Obras, Urbanismo e Ambiente

DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE SOBRAL DE MONTE AGRÃO

1.º TRIMESTRE 2024

ZONA DE ABASTECIMENTO:

ZA2 - Zona de Abastecimento de Casais de S. Martinho¹

01/01/2024 a 31/03/2024

Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetros (unidades)	Valor Paramétrico (VP) fixado DL n.º 69/2023, de 21 de agosto	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,4	0,6	---	---	2	2	100%
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Alumínio (µg/L Al)	200	< 50	0	0	100%	1	1	100%
Cheiro a 25°C (Factor de diluição)	3	< 3	0	0	100%	1	1	100%
Clostridium perfringens (N/100 ml)	0	0	0	0	100%	1	1	100%
Condutividade (µS/cm a 20°C)	2500	210	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	< 5	0	0	100%	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Ferro (µg/L Fe)	200	< 50	0	0	100%	1	1	100%
Manganês (µg/L Mn)	50	< 10	0	0	100%	1	1	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	22	---	---	---	1	1	100%
Oxidabilidade (mg/L O ₂)	5	< 1	0	0	100%	1	1	100%
pH (unidades de pH)	≥6,5 e ≤9,5	7,8	0	0	100%	1	1	100%
Sabor a 25°C (Factor de diluição)	3	< 3	0	0	100%	1	1	100%
Turvação (UNT)	4	< 0,7	0	0	100%	1	1	100%
1,2 - dicloroetano ² (µg/L)	3,0	< 0,10	0	0	100%	1	1	100%
Amónio (mg/L NH ₄)	0,50	---	---	---	---	---	---	---
Antimónio ² (µg/L Sb)	10	< 0,50	0	0	100%	1	1	100%
Arsénio ² (µg/L As)	10	< 0,50	0	0	100%	1	1	100%
Actividade alfa total ² (referida a Am) (Bq/L)	---	< 0,04	---	---	---	1	1	100%
Actividade beta total ² (referida a K) (Bq/L)	3,0	---	---	---	---	---	---	---
Benzeno ² (µg/L)	1,0	< 0,30	0	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro ² (mg/L B)	1,5	< 0,02	0	0	100%	1	1	100%
Bromatos ² (µg/L BrO ₃)	10	< 3	0	0	100%	1	1	100%
Cádmio ² (µg/L Cd)	5	< 0,50	0	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	10	---	---	---	---	---	---	---
Cianetos ² (µg/L Cn)	50	< 5	0	0	100%	1	1	100%
Cloratos (mg/L ClO ₃)	0,25	---	---	---	---	---	---	---
Cloretos ² (mg/L Cl)	250	17,3	0	0	100%	1	1	100%
Cloritos (mg/L ClO ₂)	0,25	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
Dose indicativa total ² (mSv/ano)	0,10	< 0,10	0	0	100%	1	1	100%
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Fluoretos ² (mg/L F)	1,5	< 0,10	0	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercúrio ² (µg/L Hg)	1,0	< 0,20	0	0	100%	1	1	100%
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Nitratos ² (mg/L NO ₃)	50	2,97	0	0	100%	1	1	100%
Nitritos (mg/L NO ₂)	0,50	---	---	---	---	---	---	---
Pesticidas - total ² (µg/L)	0,50	< 0,030	0	0	100%	1	1	100%
Alacloro ² (µg/L)	0,10	---	---	---	---	---	---	---
Atrazina ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Bentazona ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Clorpirifos ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Desetilatrazina ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Desetilsimazina ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Desetilterbutilazina ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Dimetenamida-P ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Dimetoato ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Diução ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
imidaclopride ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
isoproturão ² (µg/L)	0,10	---	---	---	---	---	---	---
Linurão ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
MCPA ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Metalaxil-M ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
MESOPHOS ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Metribuzina ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
S-Metolaclo ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Ometoato ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Oxami ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Simazina ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Terbutilazina ² (µg/L)	0,10	< 0,030	0	0	100%	1	1	100%
Potássio (mg/L K)	Sem alteração anormal	---	---	---	---	---	---	---
Radão (Bq/L)	500	---	---	---	---	---	---	---
Selénio ² (µg/L Se)	20	< 2	0	0	100%	1	1	100%
Sódio ² (mg/L Na)	200	13,1	0	0	100%	1	1	100%
Soma Tetracloreto e Tricloreto ² (µg/L):	10	< 1	0	0	100%	1	1	100%
Tetracloreto ² (µg/L)	---	< 0,10	---	---	---	1	1	100%
Tricloreto ² (µg/L)	---	< 1	---	---	---	1	1	100%
Sulfatos ² (mg/L SO ₄)	250	30,4	0	0	100%	1	1	100%
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromofórmio(µg/L)	---	---	---	---	---	---	---	---
Bromodiclorometano(µg/L)	---	---	---	---	---	---	---	---
Dibromoclorometano(µg/L)	---	---	---	---	---	---	---	---

Nota 1: Zona de Abastecimento controlada: ZA2 - Zona de Abastecimento de Casais de S. Martinho [Pontos de amostragem: Rua de S. Martinho (casa particular); Avenida Principal (casa particular)].

Nota 2: Parâmetros (conservativos) analisados pela entidade gestora "em Alta": SMAS de Mafra.

Nota: Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Não foram registados incumprimentos neste trimestre.

Presidente da Câmara, José Alberto Quintina, Eng.º

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