

MUNICÍPIO DE MELGAÇO		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE MELGAÇO				EDITAL n.º 4		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 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).						4º TRIMESTRE 2017 01 outubro a 31 de dezembro		
Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli</i> (N/100 ml)	0	0	1	1	97%	36	36	100%
Bactérias coliformes (N/100 ml)	0	0	18	6	83%	36	36	100%
Desinfetante residual (mg/L)	---	<0,16	0,9	---	---	36	36	100%
Alumínio (µg/L Al)	200	100	100	0	100%	1	1	100%
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	15	15	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	>300	73	---	---	15	15	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	>300	18	---	---	15	15	100%
Condutividade (µS/cm a 20°C)	2500	<45	186	0	100%	15	15	100%
<i>Clostridium perfringens</i> (N/100ml)	0	0	0	0	100%	2	2	100%
Cor (mg/L PtCo)	20	<3,0	61	1	93%	15	15	100%
pH (Unidades pH)	≥6,5 e ≤9	5,5	7,5	8	47%	15	15	100%
Ferro (µg/L Fe)	200	---	---	---	---	---	---	---
Manganês (µg/L Mn)	50	<2,0	31,8	0	100%	15	15	100%
Nitratos (mg/L NO ₃)	50	<1,0	28	0	100%	15	15	100%
Nitritos (mg/L NO ₂)	0,5	---	---	0	100%	15	15	100%
Oxidabilidade (mg/L O ₂)	5	<1,0	3,0	0	100%	15	15	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	15	15	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	15	15	100%
Turvação (NTU)	4	<1,0	20	1	93%	15	15	100%
Antimónio (µg/L Sb)	5	---	---	---	---	---	---	---
Arsénio (µg/L As)	10	---	---	---	---	---	---	---
Benzeno (µg/L)	1,0	---	---	---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	---	---	---
Boro (mg/L B)	1,0	---	---	---	---	---	---	---
Bromatos (µg/L BrO ₃)	10	---	---	---	---	---	---	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	---	---	---
Cálcio (mg/L Ca)	---	---	---	---	---	---	---	---
Chumbo (µg/L Pb)	25	---	---	---	---	---	---	---
Cianetos (µg/L CN)	50	---	---	---	---	---	---	---
Cobre (mg/L Cu)	2,0	---	---	---	---	---	---	---
Crómio (µg/L Cr)	50	---	---	---	---	---	---	---
1,2 - dicloroetano (µg/L)	3,0	---	---	---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	---	---	---
Enterococos (N/100 mL)	0	---	---	---	---	---	---	---
Fluoretos (mg/L F)	1,5	---	---	---	---	---	---	---
Magnésio (mg/L Mg)	---	---	---	---	---	---	---	---
Mercurio (µg/L Hg)	1	---	---	---	---	---	---	---
Níquel (µg/L Ni)	20	---	---	---	---	---	---	---
Selénio (µg/L Se)	10	---	---	---	---	---	---	---
Cloretos (mg/L Cl)	250	---	---	---	---	---	---	---
Sódio (mg/L Na)	200	---	---	---	---	---	---	---
Sulfatos (mg/L SO ₄)	250	---	---	---	---	---	---	---
alfa-Total	0,5	---	---	---	---	---	---	---
beta-Total	1	---	---	---	---	---	---	---
Dose indicativa total	0,10	---	---	---	---	---	---	---
Radio	500	---	---	---	---	---	---	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano (µg/L):	10	---	---	---	---	---	---	---
Tetracloroetano (µg/L)	---	---	---	---	---	---	---	---
Tricloroetano (µg/L)	---	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	---	---	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	---	---	---
Benzo(g,h,i)perileno (µg/L)	---	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno (µg/L)	---	---	---	---	---	---	---	---
Trihalometanos - total (µg/L):	100	---	---	---	---	---	---	---
Clorofórmio (µg/L)	---	---	---	---	---	---	---	---
Bromofórmio (µg/L)	---	---	---	---	---	---	---	---
Bromodichlorometano (µg/L)	---	---	---	---	---	---	---	---
Dibromodichlorometano (µg/L)	---	---	---	---	---	---	---	---
Pesticidas - total (µg/L)	0,50	---	---	---	---	---	---	---
Alacloro (µg/L)	0,10	---	---	---	---	---	---	---
Atrazina (µg/L)	0,10	---	---	---	---	---	---	---
Bentazona (µg/L)	0,10	---	---	---	---	---	---	---
Clorpirifos	---	---	---	---	---	---	---	---
Imidaclopride	---	---	---	---	---	---	---	---
Desetilatrazina (µg/L)	0,10	---	---	---	---	---	---	---
Desetiterbutilazina (µg/L)	0,10	---	---	---	---	---	---	---
Diurão (µg/L)	0,10	---	---	---	---	---	---	---
Linurão (µg/L)	0,10	---	---	---	---	---	---	---
Terbutilazina (µg/L)	0,10	---	---	---	---	---	---	---

NOTA 1: Zonas de abastecimento controladas: Alvaredo, Castro Laboreiro, Ribeiros, Centro de Estágios, Chaviães, Cristóval, Cubalhão, Fiães, Lamas de Mouro, Paços, Viladraque, Peso, Pomares, Salinde, Sante, Penso, Prado_Carvalho, Prado_Cortinhas, Roussas, Cabana e Vila .

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):
pH - Incumprimentos verificados devidos às características da qualidade da água bruta;
Bactérias Coliformes e *Escherichia coli* - Causas - Dosagem inadequada de reagente; Medidas - Correção da dosagem de reagente no tratamento; Manutenção/limpeza na rede de distribuição e reservatório e restrições ao abastecimento.
Turvação e Cor - Causas - Não foram identificadas
Alfa-Total: Causas - Não foram identificadas as causas; Medidas - A decorrer o processo de averiguação da atividade radioativa na água.

Data da publicação:
02 de fevereiro de 2018