

## Controlo de qualidade da água destinada ao consumo humano

### Município de Coimbra - Zona de Abastecimento Quinta das Cunhas 2º trimestre 2015

Divulgação dos resultados de qualidade da água distribuída pela AC, Águas de Coimbra, E.M. obtidos na zona de abastecimento de Quinta das Cunhas, segundo o Programa de Controlo de Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR - Entidade Reguladora dos Serviços de Águas e Resíduos) e de acordo com o Decreto-Lei nº 306/2007, de 27 de Agosto.

Parâmetro	Unidades	Nº de análises previstas (PCQA)	% análises realizadas	Valor Paramétrico (VP) fixado pelo DL nº 306/2007	Valores Obtidos		% análises que cumprem o VP
					Mínimo	Máximo	
CR1 - Controlo de Rotina 1							
Cloro Residual Livre	mg/L Cl	1	100	---	0,2	0,2	---
Coliformes Totais	N/100 mL	1	100	0	0	0	100
Escherichia Coli	N/100 mL	1	100	0	0	0	100
CR2 - Controlo de Rotina 2							
Azoto Amoniacal	mg/L NH4	0	---	0,50	---	---	---
Cheiro, a 25°C	Factor diluição	0	---	3	---	---	---
Condutividade	µS/cm a 20°C	0	---	2500	---	---	---
Cor	mg/L Pt-Co	0	---	20	---	---	---
Manganês	µg/L Mn	0	---	50	---	---	---
Microrganismos 22°C	N/mL	0	---	sem alteração anormal	---	---	---
Microrganismos 37°C	N/mL	0	---	sem alteração anormal	---	---	---
(*) Nitratos	mg/L NO <sub>3</sub>	0	---	50	---	---	---
Oxidabilidade	mg/L O <sub>2</sub>	0	---	5	---	---	---
pH	Esc. Sorensen	0	---	6,5 - 9	---	---	---
Sabor, a 25°C	Factor diluição	0	---	3	---	---	---
Turvação	NTU	0	---	4	---	---	---
CI - Controlo de Inspeção							
(*) 1,2-Dicloroetano	µg/L	0	---	3,0	---	---	---
Alumínio	µg/L Al	0	---	200	---	---	---
(*) Antimónio	µg/L Sb	0	---	5,0	---	---	---
(*) Arsénio	µg/L As	0	---	10	---	---	---
(*) Benzeno	µg/L	0	---	1,0	---	---	---
Benzo(a)pireno	µg/L	0	---	0,010	---	---	---
(*) Boro	mg/L B	0	---	1,0	---	---	---
(*) Bromatos	µg/L BrO <sub>3</sub>	0	---	10	---	---	---
(*) Cádmio	µg/L Cd	0	---	5,0	---	---	---
Cálcio	mg/L Ca	0	---	---	---	---	---
Chumbo	µg/L Pb	0	---	10	---	---	---
(*) Cianetos	µg/L Cn	0	---	50	---	---	---
(*) Cloretos	mg/L Cl	0	---	250	---	---	---
Clostridium Perfringens	N/100 mL	0	---	0	---	---	---
(*) Tetracloroetano e Tricloroetano	µg/L	0	---	10	---	---	---
(*) Tetracloroetano	µg/L	0	---	---	---	---	---
(*) Tricloroetano	µg/L	0	---	---	---	---	---
Cobre	mg/L Cu	0	---	2	---	---	---
(*) Crómio	µg/L Cr	0	---	50	---	---	---
Dureza Total	mg/L CaCO <sub>3</sub>	0	---	---	---	---	---
Enterococos	N/100 mL	0	---	0	---	---	---
Ferro	µg/L Fe	0	---	200	---	---	---
(*) Fluoretos	mg/L F	0	---	1,5	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)	µg/L	0	---	0,10	---	---	---
HAP Benzo[b]fluoranteno	µg/L	0	---	---	---	---	---
HAP Benzo[ghi]perileno	µg/L	0	---	---	---	---	---
HAP Benzo[k]fluoranteno	µg/L	0	---	---	---	---	---
HAP Indeno[1,2,3-cd]pireno	µg/L	0	---	---	---	---	---
Magnésio	mg/L Mg	0	---	---	---	---	---
(*) Mercúrio	µg/L Hg	0	---	1	---	---	---
Níquel	µg/L Ni	0	---	20	---	---	---
Nitritos	mg/L NO <sub>2</sub>	0	---	0,5	---	---	---
(*) Pesticidas (PEST) Total	µg/L	0	---	0,50	---	---	---
(*) PEST Alacloro	µg/L	0	---	0,10	---	---	---
(*) PEST Atrazina	µg/L	0	---	0,10	---	---	---
(*) PEST Bentazona	µg/L	0	---	0,10	---	---	---
(*) PEST Desetilatrazina	µg/L	0	---	0,10	---	---	---
(*) PEST Desetilterbutazina	µg/L	0	---	0,10	---	---	---
(*) PEST Diurão	µg/L	0	---	0,10	---	---	---
(*) PEST Linurão	µg/L	0	---	0,10	---	---	---
(*) PEST Terbutilazina	µg/L	0	---	0,10	---	---	---
(*) Selénio	µg/L Se	0	---	10	---	---	---
(*) Sódio	mg/L Na	0	---	200	---	---	---
(*) Sulfatos	mg/L SO <sub>4</sub>	0	---	250	---	---	---
Trihalometanos (THM) Total	µg/L	0	---	100	---	---	---
THM Bromodichlorometano	µg/L	0	---	---	---	---	---
THM Bromofórmio	µg/L	0	---	---	---	---	---
THM Clorodibromometano	µg/L	0	---	---	---	---	---
THM Clorofórmio	µg/L	0	---	---	---	---	---

Ensaios e colheita de amostras realizados pelos Laboratório Águas do Mondego e Laboratório Pró-Qualidade (acreditados pelo IPAC, segundo a NP EN ISO/IEC 17025, e considerados aptos para o controlo da qualidade da água para consumo humano pela autoridade competente-ERSAR)

(\*) Parâmetros (conservativos) analisados pela entidade gestora em alta (Câmara Municipal de Condeixa)

Informação complementar relativa à averiguação das situações de incumprimentos dos Valores Paramétricos (VP):  
Não foi detetada nenhuma situação de incumprimento na Zona de Abastecimento de Quinta das Cunhas.

