

MAPA DE DIVULGAÇÃO DOS RESULTADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO PONTO DE ENTREGA "EM ALTA", AO MUNICÍPIO DE ARRUDA DOS VINHOS						2. º Trimestre de 2019 01 de abril a 30 de junho		
Mapa elaborado em conformidade com o Decreto-Lei n.º 306/2007 de 27 de agosto revisto pelo Decreto-Lei n.º 152/2017 de 7 de dezembro, conforme PCQA aprovado pela ERSAR								
Parâmetro (unidades)	Valor Paramétrico (VP)	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Alumínio (µg/L Al)	200	---		---	---	---	---	---
Amónio (mg/L NH ₄)	0,50	---		---	---	---	---	---
Bactérias coliformes (N/100 ml)	0	0		0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---		---	---	---	---	---
Cálcio (mg/L Ca)	---	---		---	---	---	---	---
Cheiro a 25°C (Fator de diluição)	3	---		---	---	---	---	---
Chumbo (µg/L Pb)	10	---		---	---	---	---	---
Cloro residual livre (mg/L)	---	0,59		---	---	1	1	100%
Clostridium perfringens (N/100ml)	0	---		---	---	---	---	---
Cobre (mg/L Cu)	2,0	---		---	---	---	---	---
Condutividade (µS/cm a 20°C)	2500	---		---	---	---	---	---
Cor (mg/L PtCo)	20	---		---	---	---	---	---
Crómio (µg/L Cr)	50	---		---	---	---	---	---
Dureza total (mg/L CaCO ₃)	---	---		---	---	---	---	---
Enterococos (N/100 mL)	0	---		---	---	---	---	---
Escherichia coli (N/100 ml)	0	0		0	100%	1	1	100%
Ferro (µg/L Fe)	200	---		---	---	---	---	---
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)	---	---		---	---	---	---	---
Manganês (µg/L Mn)	50	---		---	---	---	---	---
Níquel (µg/L Ni)	20	---		---	---	---	---	---
Nitritos (mg/L NO ₂)	0,5	---		---	---	---	---	---
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---		---	---	---	---	---
Número de colónias a 36 °C (N/ml)	Sem alteração anormal	---		---	---	---	---	---
Oxidabilidade (mg/L O ₂)	5	---		---	---	---	---	---
pH (Unidades de pH)	≥ 6,5 e ≤ 9,5	---		---	---	---	---	---
Radão (Bq/L)	500	---		---	---	---	---	---
Sabor a 25°C (Fator de diluição)	3	---		---	---	---	---	---
Trihalometanos - total (µg/L):	100	---		---	---	---	---	---
Bromodiclorometano (µg/L)	---	---		---	---	---	---	---
Bromofórmio (µg/L)	---	---		---	---	---	---	---
Clorofórmio (µg/L)	---	---		---	---	---	---	---
Dibromoclorometano (µg/L)	---	---		---	---	---	---	---
Turvação (NTU)	4	---		---	---	---	---	---
Parâmetros Conservativos Analisados pela EPAL								
1,2 – dicloroetano (µg/L)	3,0	< 0,1		0	100%	2	2	100%
Antimónio (µg/L Sb)	5	< 0,5		0	100%	2	2	100%
Arsénio (µg/L As)	10	< 0,5		0	100%	2	2	100%
Benzeno (µg/L)	1,0	< 0,3		0	100%	2	2	100%
Boro (mg/L B)	1,0	< 0,2		0	100%	2	2	100%
Bromatos (µg/L BrO ₃)	10	< 10		0	100%	2	2	100%
Cádmio (µg/L Cd)	5,0	< 0,5		0	100%	2	2	100%
Cianetos (µg/L CN)	50	< 5		0	100%	2	2	100%
Cloretos (mg/L Cl)	250	19,6	21,4	0	100%	2	2	100%
Fluoretos (mg/L F)	1,5	< 0,1		0	100%	2	2	100%
Mercúrio (µg/L Hg)	1	< 0,2		0	100%	2	2	100%
Nitratos (mg/L NO ₃)	50	1,32	2,04	0	100%	2	2	100%
Parâmetros Radioativos:	---	---		---	---	---	---	---
Atividade α Total (Bq/L)	0,10	< 0,025		0	100%	2	2	100%
Atividade β Total (Bq/L)	1,0	0,068	0,091	0	100%	2	2	100%
Dose Indicativa Total (mSv/ano)	0,10	< 0,1		0	100%	2	2	100%
Pesticidas – total (µg/L):	0,50	< 0,07		0	100%	2	2	100%
2,4-D (µg/L)	0,10	---		---	---	---	---	---
Alacloro (µg/L)	0,10	< 0,06		0	100%	2	2	100%
Atrazina (µg/L)	0,10	< 0,06		0	100%	2	2	100%
Bentazona (µg/L)	0,10	< 0,05		0	100%	2	2	100%
Cimoxanil (µg/L)	0,10	---		---	---	---	---	---
Clorpirifos (µg/L)	0,10	< 0,05		0	100%	2	2	100%
Desetil-atrazina (µg/L)	0,10	< 0,035		0	100%	2	2	100%
Desetil-simazina (µg/L)	0,10	< 0,07		0	100%	2	2	100%
Desetilterbutilazina (µg/L)	0,10	< 0,02		0	100%	2	2	100%
Dimetoato (µg/L)	0,10	< 0,025		0	100%	2	2	100%
Diurão (µg/L)	0,10	< 0,045		0	100%	2	2	100%
Imidaclopride (µg/L)	0,10	< 0,02		0	100%	2	2	100%
Linurão (µg/L)	0,10	< 0,025		0	100%	2	2	100%
MCPA (µg/L)	0,10	< 0,05		0	100%	2	2	100%
Metalaxil (µg/L)	0,10	< 0,06		0	100%	2	2	100%
Metolacloro (µg/L)	0,10	< 0,06		0	100%	2	2	100%
Ometoato (µg/L)	0,10	< 0,05		0	100%	2	2	100%
Oxamil (µg/L)	0,10	< 0,05		0	100%	2	2	100%
Simazina (µg/L)	0,10	< 0,06		0	100%	2	2	100%
Tebucozanol (µg/L)	0,10	---		---	---	---	---	---
Terbutilazina (µg/L)	0,10	< 0,07		0	100%	2	2	100%
Selénio (µg/L Se)	10	< 2		0	100%	2	2	100%
Sódio (mg/L Na)	200	16,7	24	0	100%	2	2	100%
Sulfatos (mg/L SO ₄)	250	42,2	64	0	100%	2	2	100%
Tetracloroeteno e Tricloroeteno (µg/L):	10	< 1		0	100%	2	2	100%
Tetracloroeteno (µg/L)	---	< 0,1		---	---	2	2	100%
Tricloroeteno (µg/L)	---	< 1		---	---	2	2	100%
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): Não se registou nenhum incumprimento neste trimestre.								
Responsável da Qualidade da Água:								
Susana Caroço								
Data: 30/08/2019								
AM171/1								



be water
Águas de Mafra