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

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

4. º Trimestre de 2018
01 de outubro a
31 de dezembro

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	---		---	---	---	---	---
Benzo(a)pireno (µg/L)	0,010	---		---	---	---	---	---
Cálcio (mg/L Ca)	---	---		---	---	---	---	---
Cheiro a 25ºC (Fator de diluição)	3	---		---	---	---	---	---
Chumbo (µg/L Pb)	10	---		---	---	---	---	---
Cloro residual livre (mg/L)	---	---		---	---	---	---	---
Clostridium perfringens (N/100ml)	0	---		---	---	---	---	---
Cobre (mg/L Cu)	2,0	---		---	---	---	---	---
Condutividade (µS/cm a 20ºC)	2500	---		---	---	---	---	---
Cor (mg/L PtCo)	20	---		---	---	---	---	---
Dureza total (mg/L $CaCO_3$)	---	---		---	---	---	---	---
Enterococos (N/100 mL)	0	---		---	---	---	---	---
Escherichia coli (N/100 ml)	0	---		---	---	---	---	---
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 ºC (N/ml)	Sem alteração anormal	---		---	---	---	---	---
Número de colónias a 36 ºC (N/ml)	Sem alteração anormal	---		---	---	---	---	---
Oxidabilidade (mg/L O_2)	5	---		---	---	---	---	---
pH (Unidades de *pH*)	≥ 6,5 e ≤ 9,5	---		---	---	---	---	---
Sabor a 25ºC (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	< 1		0	100%	2	2	100%
Antimónio (µg/L Sb)	5	< 1		0	100%	2	2	100%
Arsénio (µg/L As)	10	< 1		0	100%	2	2	100%
Benzeno (µg/L)	1,0	< 0,5		0	100%	2	2	100%
Boro (mg/L B)	1,0	< 0,05		0	100%	2	2	100%
Bromatos (µg/L BrO_3)	10	< 5		0	100%	2	2	100%
Cádmio (µg/L Cd)	5,0	< 1		0	100%	2	2	100%
Cianetos (µg/L CN)	50	< 10		0	100%	2	2	100%
Cloretos (mg/L Cl)	250	13	20	0	100%	2	2	100%
Crómio (µg/L Cr)	50	< 1		0	100%	2	2	100%
Fluoretos (mg/L F)	1,5	< 0,1		0	100%	2	2	100%
Mercúrio (µg/L Hg)	1	< 0,05		0	100%	2	2	100%
Nitratos (mg/L NO_3)	50	2,2	4,4	0	100%	13	13	100%
Parâmetros Radioativos:								
Atividade α Total (Bq/L)	0,10	< 0,025		0	100%	2	2	100%
Atividade β Total (Bq/L)	1,0	0,045	0,059	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	< 0,06		0	100%	2	2	100%
2,4-D (µg/L)	0,10	---		---	---	---	---	---
Bentazona (µg/L)	0,10	---		---	---	---	---	---
Cimoxanil (µg/L)	0,10	---		---	---	---	---	---
Clorpirifos (µg/L)	0,10	< 0,06		0	100%	2	2	100%
Deseltilterbutilazina (µg/L)	0,10	---		---	---	---	---	---
Dimetoato (µg/L)	0,10	---		---	---	---	---	---
Diurão (µg/L)	0,10	---		---	---	---	---	---
Imidaclopride (µg/L)	0,10	< 0,06		0	100%	2	2	100%
Linurão (µg/L)	0,10	---		---	---	---	---	---
MCPA (µg/L)	0,10	< 0,03		0	100%	2	2	100%
Metalaxil (µg/L)	0,10	---		---	---	---	---	---
Oxamil (µg/L)	0,10	---		---	---	---	---	---
Tebucozanol (µg/L)	0,10	---		---	---	---	---	---
Terbutilazina (µg/L)	0,10	---		---	---	---	---	---
Selénio (µg/L Se)	10	< 0,4		0	100%	2	2	100%
Sódio (mg/L Na)	200	10	17	0	100%	2	2	100%
Sulfatos (mg/L SO_4)	250	20	35	0	100%	2	2	100%
Tetracloroeteno e Tricloroeteno (µg/L):	10	< 3		0	100%	2	2	100%
Tetracloroeteno (µg/L)	---	< 3		---	---	2	2	100%
Tricloroeteno (µg/L)	---	< 1	< 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:

Elsa Cardoso

Data:

01-03-2019

AM171/1

be water
Águas de Mafra