



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO DO CONCELHO DE ALJUSTREL

3º TRIMESTRE

ZONA DE ABASTECIMENTO: ALJUSTREL¹

2019

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterada pelo Decreto - Lei nº 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na tomada do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR). De acordo com o ponto 2 do artigo 17º do referido decreto-lei, publicam-se os resultados obtidos.

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento de VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	6	6	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	6	6	100%
Desinfetante residual Hipoclorito de Sódio (mg/L Cl)	---	<0,09	0,62	---	---	6	6	100%
Alumínio (µg/L Al)	200	48	61	0	100%	3	3	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	8	---	---	3	3	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	9	---	---	3	3	100%
Cálcio (mg/L Ca)	---	49	59	---	---	3	3	100%
Condutividade (µS/cm a 20°C)	2500	710	760	0	100%	3	3	100%
Clostridium parvifrons (N/100ml)	0	0	0	0	100%	3	3	100%
Cor (mg/L PtCo)	20	<5	7	0	100%	3	3	100%
Dureza total (mg/L CaCO3)	---	250	350	---	---	3	3	100%
Enterococos (N/100 ml)	0	0	0	---	---	3	3	100%
pH (Unidades pH)	±0,5 e ±0,5	7,2	7,9	0	100%	3	3	100%
Magnésio (mg/L Mg)	---	29	48	---	---	3	3	100%
Manganês (µg/L Mn)	50	<15	<15	0	100%	3	3	100%
Cloratos ³ (mg/L Cl)	250	170	170	0	100%	1	1	100%
Qualidade (mg/L O ₂)	8	1,6	1,9	0	100%	3	3	100%
Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%
Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%
Turvação (NTU)	4	0,4	1,3	0	100%	3	3	100%
Amónia (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	1	1	100%
Ferro (µg/L Fe)	200	<20	<20	0	100%	1	1	100%
Nitratos (mg/L NO ₃)	50	---	---	---	---	0	0	---
Nitritos (mg/L NO ₂)	0,5	<0,03	<0,03	0	100%	1	1	100%
Antimónio ³ (µg/L Sb)	5	---	---	---	---	0	0	---
Arsénio ³ (µg/L As)	10	---	---	---	---	0	0	---
Benzeno ² (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	<0,005	<0,005	0	100%	1	1	100%
Boro ³ (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos ³ (µg/L BrO ₃)	10	---	---	---	---	0	0	---
Cádmio ² (µg/L Cd)	5,0	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	10	<3	<3	0	100%	1	1	100%
Cloratos ³ (µg/L Cl)	50	---	---	---	---	0	0	---
Cobre (mg/L Cu)	2,0	0,028	0,028	0	100%	1	1	100%
Crómio (µg/L Cr)	50	<10	<10	0	100%	1	1	100%
1,2 - dicloroetano ³ (µg/L)	3,0	---	---	---	---	0	0	---
Fluoretos ³ (mg/L F)	1,5	---	---	---	---	0	0	---
Mercurio ³ (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	<6	<6	0	100%	1	1	100%
Selénio ³ (µg/L Se)	10	---	---	---	---	0	0	---
Cloratos ³ (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio ³ (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos ³ (mg/L SO ₄)	250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano ³ (µg/L):	10	---	---	---	---	0	0	---
Tricloroetano ³ (µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	<0,08	<0,08	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	---	<0,02	<0,02	---	---	1	1	100%
Benzo(k)fluoranteno (µg/L)	---	<0,02	<0,02	---	---	1	1	100%
Benzo(g)pireno (µg/L)	---	<0,02	<0,02	---	---	1	1	100%
Indeno(1,2,3-cd)pireno (µg/L)	---	<0,02	<0,02	---	---	1	1	100%
Trihalometanos - total (µg/L):	100	130	130	1	0%	1	1	100%
Cloroformio (µg/L)	---	2,5	2,5	---	---	1	1	100%
Bromoformio (µg/L)	---	57	57	---	---	1	1	100%
Bromodiclorometano (µg/L)	---	15	15	---	---	1	1	100%
Dibromoclorometano (µg/L)	---	54	54	---	---	1	1	100%
Pesticidas - total ³ (µg/L):	0,50	---	---	---	---	0	0	---
Alacloro	0,10	---	---	---	---	0	0	---
Atrazina	0,10	---	---	---	---	0	0	---
Bentazona (µg/L)	0,10	---	---	---	---	0	0	---
Clorpirifos	0,10	---	---	---	---	0	0	---
Desetilterbutiazina	0,10	---	---	---	---	0	0	---
Desetilterbutiazina	0,10	---	---	---	---	0	0	---
Dimetato	0,10	---	---	---	---	0	0	---
Diurbo	0,10	---	---	---	---	0	0	---
Linurbo	0,10	---	---	---	---	0	0	---
MCPA	0,10	---	---	---	---	0	0	---
Tebuconazol	0,10	---	---	---	---	0	0	---
Terbutiazina	0,10	---	---	---	---	0	0	---
Ometoato	0,10	---	---	---	---	0	0	---
alfa total ³ (Bq/L)	0,10	---	---	---	---	0	0	---
beta total ³ (Bq/L)	1,00	---	---	---	---	0	0	---
Dose indicativa Total ³ (mSv)	> 0,10 mSv/ano	---	---	---	---	0	0	---
Radão ³ (Bq/L)	500,00	<10	<10	0	100%	1	1	100%

Nota 1: Zonas de Abastecimento controladas: Aljustrel (inclui as localidades de Aljustrel, Ervide, Corte Vicente Anes, Montes Velhos/Aldéia Nova, Jungeiros, Rio de Moitinos, Messajana e Aldéia dos Ebrás.

Nota 2: Parâmetro (conservativo) analisado pela entidade gestora em alta: Águas Públicas do Alentejo

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas corretivas): THM- total - Causas: Tratamento em alta. Medidas corretivas: A implementar pela EG em alta (substituição do meio filtrante)

O presidente: Nelson Domingos Brito
ASS:

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Data de publicação do website: 02 de dezembro de 2019