ENTIDADE GESTORA: MUNICÍPIO de ARGANIL	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NA ZONA DE ABASTECIMENTO FÓRNEA	4º TRIMESTRE 2017 01 Outubro a 31 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	
Escherichia coli (N/100 ml)	0	1	14	2	0%	2	2	100%
Bactérias coliformes (N/100 ml)	0	5	>100	2	0%	2	2	100%
Desinfetante residual (mg/L)	---	0,2	0,2	0	---	2	2	---
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/L NH_4)	0,50	<0.02	0,02	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	>300	>300	---	---	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	89	89	---	---	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	40	40	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<2,0	<2,0	0	100%	1	1	100%
pH (Unidades pH)	≥6.5 e ≤9	6,2	6,2	1	0%	1	1	100%
Ferro (µg/L Fe)	200	---	---	---	---	0	0	---
Manganês (µg/L Mn)	50	<15	<15	0	100%	1	1	100%
Nitratos[2] (mg/L NO_3)	50	<10	<10	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	---	---	---	---	0	0	---
Oxidabilidade (mg/L O_2)	5	<1,0	<1,0	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,50	<0,50	0	100%	1	1	100%
Antimónio (µg/L Sb)	5	---	---	---	---	0	0	---
Arsénio (µg/L As)	10	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/L BrO_3)	10	---	---	---	---	0	0	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	25	---	---	---	---	0	0	---
Cianetos (µg/L CN)	50	---	---	---	---	0	0	---
Cobre (mg/L Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano (µg/L)	3,0	---	---	---	---	0	0	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	0	---
Enterococos (N/100 mL)	0	10	10	1	0%	1	1	100%
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercúrio (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%
Selénio (µg/L Se)	10	---	---	---	---	0	0	---
Cloretos (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/L SO_4)	250	---	---	---	---	0	0	---
Acrilamida(µg/L)	0,10	---	---	---	---	0	0	---
Epicloridrina(µg/ L)	0,10	---	---	---	---	0	0	---
Cloreto de Vinilo(µg/L)	0,50	---	---	---	---	0	0	---
Trítio(Bq/ L)	100	---	---	---	---	0	0	---
Radão (Bq/ L)	500	11,5	11,5	0	100%	1	1	100%
Alpha total(Bq/ L)	0,1	<0,04	<0,04	0	100%	1	1	100%
Beta Total(Bq/ L)	1	0,11	0,11	---	---	1	1	100%
Dose Indicativa Total (mSv/yr)	0,1	<0,10	<0,10	---	---	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (µg/L):	10	---	---	---	---	0	0	---
Tetracloroeteno(µg/L)	---	---	---	---	---	0	0	---
Tricloroeteno(µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	0	0	---
Benzo(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzo(ghi)perileno (µg/L)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno(µg/L)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/L):	100	---	---	---	---	0	0	---
Clorofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/L)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/L)	---	---	---	---	---	0	0	---
Pesticidas – total (µg/L)	0,50	---	---	---	---	0	0	---
Desetil-terbutilazina (µg/L)	0,10	---	---	---	---	0	0	---
Terbutilazina (µg/L)	0,10	---	---	---	---	0	0	---
Diurão(µg/L)	0,10	---	---	---	---	0	0	---

Notas:

V.P.- Valor Paramétrico estabelecido no D. L. n.º 306/07.

N.D. - Não Detectado

L.Q. - Limite de Quantificação

Cronograma das recolhas efetuadas		
Data	**Local**	**Parâmetro**
08/11/2017	Fontanário	R1+R2+Cl
27/12/2017	Habitação António Silva	R1

Data da Colheita	Parâmetro	Causas do incumprimento	Análises verificação (A.V.)	Medidas tomadas ou a implementar	Acompanhamento do incumprimento (A.V.)
08/11/2017	Escherichia Coli	#Dosagem inadequada de reagente	27/12/2017 e 28/02/2018	#Correção da dosagem de reagente no tratamento	Ultrapassado
08/11/2017	Bactérias coliformes	#Dosagem inadequada de reagente	27/12/2017	#Correção da dosagem de reagente no tratamento	Não Ultrapassado
08/11/2017	Enterococos intestinais	#Dosagem inadequada de reagente	27/12/2017	#Correção da dosagem de reagente no tratamento	Ultrapassado
08/11/2017	pH	#Caraterísticas naturais (hidrogeológicas) da origem de água		#Não foram tomadas medidas por não haver risco para a saúde (parecer da AS ou por ausência de parecer)	Não efetuado
27/12/2017	Escherichia Coli	#Dosagem inadequada de reagente	28/02/2018	#Correção da dosagem de reagente no tratamento	Ultrapassado
27/12/2017	Bactérias coliformes	#Dosagem inadequada de reagente	28/02/2018	#Correção da dosagem de reagente no tratamento	Não Ultrapassado

Informação presente no portal da Entidade Reguladora_ERSAR

☒ Foram registadas violações aos parâmetros indicadores; Parâmetros cujo valor deve ser considerado como valor guia.

☒ Foram registadas violações aos parâmetros obrigatórios; Parâmetros cujo valor não pode ser ultrapassado.