



## MUNICÍPIO DE PONTE DA BARCA CÂMARA MUNICIPAL

EDITAL Nº. 23/2019

### **Qualidade da Água de Abastecimento Público Resultados Analítico referentes ao 1º trimestre de 2019**

----- Augusto Manuel dos Reis Marinho, Presidente da Câmara Municipal de Ponte da Barca.-----

----- Faz publicar, para efeitos do disposto nº 2 e nº 5 do artigo 17º do Decreto - Lei nº 152/2017 de 07 de dezembro, o tratamento dos resultados obtidos no controle da qualidade da água distribuída no concelho de Ponte da Barca no 1º trimestre de 2019, de acordo com o Quadro Anexo, que faz parte integrante deste Edital.-----

----- Para constar se publica o presente Edital e outros de igual teor que vão ser afixados nos lugares públicos do estilo.-----

Câmara Municipal de Ponte da Barca, 07 de Junho de 2019

O Presidente da Câmara Municipal,

(Augusto Manuel dos Reis Marinho)



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23


Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE BRITELO (IGREJA)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)		0,50	---	---	---	---	0	0	---
Alacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutilazina(µg/l)		0,10	---	---	---	---	0	0	---
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE BRITELO (PARADAMONTE)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Tunuação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitros (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodlorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)		0,50	---	---	---	---	0	0	---
Alacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutilazina(µg/l)		0,10	---	---	---	---	0	0	---
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DE BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE CUIDE VILA VERDE

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,35	0,42	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	>300	>300	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	120	120	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	34	34	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	< 1,0	< 1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,0	6,0 <sup>1</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
	Turvação (NTU)	4	< 1	< 1	0	100%	1	1	100%
	C1	1,2-Dicloroetano(µg/l)	3,0	< 0,3	< 0,3	0	100%	1	1
Amónio (mg/L NH <sub>4</sub> )		0,50	< 0,04	< 0,04	0	100%	1	1	100%
Antimónio(µg/l Sb)		5,0	< 1,0	< 1,0	0	100%	1	1	100%
Alumínio(µg/l Al)		200	22	22	0	100%	1	1	100%
Arsénio(µg/l As)		10	< 1,0	< 1,0	0	100%	1	1	100%
Benzeno(µg/l)		1,0	< 0,3	< 0,3	0	100%	1	1	100%
Benzo(a)Pireno(µg/l)		0,010	< 0,005	< 0,005	0	100%	1	1	100%
Boro(mg/l B)		1,0	< 0,100	< 0,100	0	100%	1	1	100%
Bromatos(µg/l BrO3)		10	< 5,0	< 5,0	0	100%	1	1	100%
Cádmio(µg/l Cd)		5,0	< 0,50	< 0,50	0	100%	1	1	100%
Cálcio(mg/l Ca)		---	< 5,0	< 5,0	---	---	1	1	100%
Chumbo(µg/l Pb)		10	< 2,0	< 2,0	0	100%	1	1	100%
Cianetos(µg/l CN)		50	< 10	< 10	0	100%	1	1	100%
Cloretos(mg/l Cl)		250	<5,0	<5,0	0	100%	1	1	100%
Clostridium perfringens(N/ml)		0	0	0	0	100%	1	1	100%
Cobre(mg/l Cu)		2,0	< 0,0050	< 0,0050	0	100%	1	1	100%
Crómio(µg/l Cr)		50	< 5,0	< 5,0	0	100%	1	1	100%
Dureza Total(mg/l CaCO3)		---	< 23	< 23	---	---	1	1	100%
Fluoretos(mg/l F)		1,5	< 0,10	< 0,10	0	100%	1	1	100%
Ferro(µg/l Fe)		200	< 25	< 25	0	100%	1	1	100%
Hap (Total)(µg/l)		0,10	< 0,0050	< 0,0050	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Magnésio(mg/l Mg)		---	< 2,5	< 2,5	---	---	1	1	100%
Manganês (µg/L Mn)		50	< 5,0	< 5,0	0	100%	1	1	100%
Mercúrio(µg/l Hg)		1,0	< 0,20	< 0,20	0	100%	1	1	100%
Níquel(µg/l Ni)		20	< 2,0	< 2,0	0	100%	1	1	100%
Nitratos (mg/L NO3)		50	2,3	2,3	0	100%	1	1	100%
Nitritos(mg/L NO2)		0,50	< 0,010	< 0,010	0	100%	1	1	100%
Oxidabilidade (mg/L O2)		5,0	< 1,0	< 1,0	0	100%	1	1	100%
Selénio(µg/l Se)		10	< 2,5	< 2,5	0	100%	1	1	100%
Sódio(mg/l Na)		200	< 5,0	< 5,0	0	100%	1	1	100%
Sulfatos(mg/l SO4)		250	< 5,0	< 5,0	0	100%	1	1	100%
Tetracloroetano e Tricloroetano(µg/l)		10	< 0,5	< 0,5	0	100%	1	1	100%
Tetracloroetano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Tricloroetano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Tri-Halometanos (Total)(µg/l)		100	2,2	2,2	0	100%	1	1	100%
Bromodiclorometano(µg/l)		---	0,79	0,79	---	---	1	1	100%
Bromofórmio(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Clorofórmio(µg/l)		---	0,76	0,76	---	---	1	1	100%
Dibromoclorometano(µg/l)		---	0,69	0,69	---	---	1	1	100%
Alfa-Total(Bq/l)		0,1	< 0,04	< 0,04	0	100%	1	1	100%
Beta-Total(Bq/l)		1,0	< 0,10	< 0,10	0	100%	1	1	100%
Dose indicativa Total(mSv/ano)		0,1	< 0,1	< 0,1	0	100%	1	1	100%
Radão(Bq/l)		500	59,7	59,7	0	100%	1	1	100%
Pesticidas (Total)(µg/l)		0,50	< 0,05	< 0,05	0	100%	1	1	100%
Alacloro(µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%
Desetilterbutilazina(µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%
Bentazona (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Clorpirifos (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Imidaclopride (µg/l)	0,10	< 0,05	< 0,05	0	100%	1	1	100%	
Diurão(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Terbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à Junta de Freguesia local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correcção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE ENTRE AMBOS-ÓS-RIOS (FROUFE)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)		0,50	---	---	---	---	0	0	---
Alacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutilazina(µg/l)		0,10	---	---	---	---	0	0	---
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE ENTRE AMBOS-OS-RIOS (IGREJA)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,60	0,60	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Merúrio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)		0,50	---	---	---	---	0	0	---
Alacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutilazina(µg/l)		0,10	---	---	---	---	0	0	---
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE ENTRE AMBOS-OS-RIOS (LOURIDO)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodichlorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---	
Radão(Bq/l)	500	---	---	---	---	0	0	---	
Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---	
Alacloro(µg/l)	0,10	---	---	---	---	0	0	---	
Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE ENTRE AMBOS-OS-RIOS (SOBREDO)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---	
Alacloro(µg/l)	0,10	---	---	---	---	0	0	---	
Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019





CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE ENTRE AMBOS-OS-RIOS (TAMENTE)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---	
Alacloro(µg/l)	0,10	---	---	---	---	0	0	---	
Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DE BARCA

EDITAL N.º 23


Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE ERMIDA

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Merúrio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---	
Alacloro(µg/l)	0,10	---	---	---	---	0	0	---	
Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23


Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE GERMIL

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	> 5,0	>5,0	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	---	---	---	---	0	0	---
	Condutividade (µS/cm a 20°C)	2500	---	---	---	---	0	0	---
	Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
	pH (Unidades pH)	≥6,5 e ≤9,5	---	---	---	---	0	0	---
	Cheiro a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Sabor a 25°C (Factor de diluição)	3	---	---	---	---	0	0	---
	Enterococos(ufc/100 ml)	0	---	---	---	---	0	0	---
	Turvação (NTU)	4	---	---	---	---	0	0	---
	CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio(µg/l Sb)		5,0	---	---	---	---	0	0	---
Alumínio(µg/l Al)		200	---	---	---	---	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 BrO3)		10	---	---	---	---	0	0	---
Cádmio(µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos(µg/l CN)		50	---	---	---	---	0	0	---
Cloretos(mg/l Cl)		250	---	---	---	---	0	0	---
Clostridium perfringens(N/ml)		0	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos(mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio(µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitratos (mg/L NO3)		50	---	---	---	---	0	0	---
Nitritos(mg/L NO2)		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O2)		5,0	---	---	---	---	0	0	---
Selénio(µg/l Se)		10	---	---	---	---	0	0	---
Sódio(mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos(mg/l SO4)		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano(µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano(µg/l)		---	---	---	---	---	0	0	---
Tricloroetano(µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiclorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total(Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total(Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total(mSv/ano)		0,1	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Pesticidas (Total)(µg/l)		0,50	---	---	---	---	0	0	---
Alacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutilazina(µg/l)		0,10	---	---	---	---	0	0	---
Bentazona (µg/l)	0,10	---	---	---	---	0	0	---	
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

## SISTEMA DE ABASTECIMENTO DE GROVELAS

Tipo de controlo	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		
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%	
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%	
	Desinfetante residual (mg/L)	---	0,16	0,44	---	---	2	2	100%	
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	52	52	---	---	1	1	100%	
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	13	13	---	---	1	1	100%	
	Arsénio(µg/l As)	10	23	23 <sup>b)</sup>	1	0%	1	1	100%	
	Condutividade (µS/cm a 20°C)	2500	122	122	0	100%	1	1	100%	
	Cor (mg/L PtCo)	20	< 1,0	< 1,0	0	100%	1	1	100%	
	pH (Unidades pH)	≥6,5 e ≤9,5	9,3	9,3	0	100%	1	1	100%	
	Cheiro a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%	
	Sabor a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%	
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%	
	Turvação (NTU)	4	< 1	< 1	0	100%	1	1	100%	
	CI	1,2-Dicloroetano(µg/l)	3,0	< 0,3	< 0,3	0	100%	1	1	100%
		Amónio (mg/L NH <sub>4</sub> )	0,50	< 0,04	< 0,04	0	100%	1	1	100%
Antimónio(µg/l Sb)		5,0	< 1,0	< 1,0	0	100%	1	1	100%	
Alumínio(µg/l Al)		200	620	620 <sup>c)</sup>	1	0%	1	1	100%	
Benzeno(µg/l)		1,0	< 0,3	< 0,3	0	100%	1	1	100%	
Benzo(a)Pireno(µg/l)		0,010	< 0,005	< 0,005	0	100%	1	1	100%	
Boro(mg/l B)		1,0	< 0,100	< 0,100	0	100%	1	1	100%	
Bromatos(µg/l BrO <sub>3</sub> )		10	< 5,0	< 5,0	0	100%	1	1	100%	
Cádmio(µg/l Cd)		5,0	< 0,50	< 0,50	0	100%	1	1	100%	
Cálcio(mg/l Ca)		---	< 5,0	< 5,0	---	---	1	1	100%	
Chumbo(µg/l Pb)		10	< 2,0	< 2,0	0	100%	1	1	100%	
Cianetos(µg/l CN)		50	< 10	< 10	0	100%	1	1	100%	
Cloretos(mg/l Cl)		250	5,6	5,6	0	100%	1	1	100%	
Clostridium perfringens(N/m)		0	0	0	0	100%	1	1	100%	
Cobre(mg/l Cu)		2,0	0,010	0,010	0	100%	1	1	100%	
Crómio(µg/l Cr)		50	< 5,0	< 5,0	0	100%	1	1	100%	
Dureza Total(mg/l CaCO <sub>3</sub> )		---	< 23	< 23	---	---	1	1	100%	
Fluoretos(mg/l F)		1,5	< 0,10	< 0,10	0	100%	1	1	100%	
Ferro(µg/l Fe)		200	< 25	< 25	0	100%	1	1	100%	
Hap (Total)(µg/l)		0,10	< 0,0050	< 0,0050	0	100%	1	1	100%	
Benzo(b)fluoranteno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%	
Benzo(k)fluoranteno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%	
Benzo(ghi)perileno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%	
Indeno(1,2,3-cd)pireno(µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%	
Magnésio(mg/l Mg)		---	< 2,5	< 2,5	---	---	1	1	100%	
Manganês (µg/L Mn)		50	< 5,0	< 5,0	0	100%	1	1	100%	
Mercurio(µg/l Hg)		1,0	< 0,20	< 0,20	0	100%	1	1	100%	
Níquel(µg/l Ni)		20	< 2,0	< 2,0	0	100%	1	1	100%	
Nitratos (mg/L NO <sub>3</sub> )		50	6,9	6,9	0	100%	1	1	100%	
Nitritos(mg/L NO <sub>2</sub> )		0,50	0,014	0,014	0	100%	1	1	100%	
Oxidabilidade (mg/L O <sub>2</sub> )		5,0	< 1,0	< 1,0	0	100%	1	1	100%	
Selenio(µg/l Se)		10	< 2,5	< 2,5	0	100%	1	1	100%	
Sódio(mg/l Na)		200	26	26	0	100%	1	1	100%	
Sulfatos(mg/l SO <sub>4</sub> )		250	< 5,0	< 5,0	0	100%	1	1	100%	
Tetracloroetano e Tricloroetano(µg/l)		10	< 0,5	< 0,5	0	100%	1	1	100%	
Tetracloroetano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%	
Tricloroetano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%	
Tri-Halometanos (Total)(µg/l)		100	3,7	3,7	0	100%	1	1	100%	
Bromodiclorometano(µg/l)		---	0,98	0,98	---	---	1	1	100%	
Bromoformio(µg/l)		---	0,87	0,87	---	---	1	1	100%	
Cloroformio(µg/l)		---	< 0,4	< 0,4	---	---	1	1	100%	
Dibromoclorometano(µg/l)		---	1,8	1,8	---	---	1	1	100%	
Alfa-Total(Bq/l)		0,1	< 0,04	< 0,04	0	100%	1	1	100%	
Beta-Total(Bq/l)		1,0	< 0,10	< 0,10	0	100%	1	1	100%	
Dose indicativa Total(mSv/ano)		0,1	< 0,1	< 0,1	0	100%	1	1	100%	
Radão(Bq/l)		500	160	160	0	100%	1	1	100%	
Pesticidas (Total)(µg/l)		0,50	< 0,05	< 0,05	0	100%	1	1	100%	
Alacloro(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%		
Desetilterbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%		
Bentazona (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%		
Clorpirifos (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%		
Imidaclopride (µg/l)	0,10	< 0,05	< 0,05	0	100%	1	1	100%		
Diurão(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%		
Terbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%		

## Informação complementar relativa à averiguação das situações de incumprimento dos VP:

b) Remetida informação à União de Freguesias local com proposta de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento resultante da avaria do equipamento no processo de tratamento (Coluna de remoção de Arsénio), pelo que se procedeu à reparação do mesmo; Análises subsequentes conformes.

c) Remetida informação à União de Freguesias local, com conhecimento à ERSAR e à Autoridade de Saúde; O incumprimento de Alumínio é resultante das características naturais (hidrogeológicas) da origem da água; Análises subsequentes conformes.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE LINDOSO (CASTELO)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	11	11	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	20	20	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,3	5,3 <sup>1)</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
	Radiação(Bq/l)	500	344	344	0	100%	1	1	100%
	Turvação (NTU)	4	<1	<1	0	100%	1	1	100%
CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
	Diurão(µg/l)	0,10	---	---	---	---	0	0	---
	Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à Junta de Freguesia local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE LINDOSO (CIDADELHE)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/m)	S/ alt. anormal	15	15	---	---	1	1	100%
	Número de colónias a 37 °C (N/m)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	21	21	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,4	5,4 <sup>1)</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
	Radiação(Bq/l)	500	373	373	0	100%	1	1	100%
	Turvação (NTU)	4	<1	<1	0	100%	1	1	100%
CI	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/m)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à Junta de Freguesia local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).


1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE LINDOSO (PARADA)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	12	12	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	22	22	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,3	5,3 <sup>1)</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
C1	Turvação (NTU)	4	<1	<1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
	Diurão(µg/l)	0,10	---	---	---	---	0	0	---
	Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à Junta de Freguesia local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DE BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).


1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE PORTO BOM

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	4	4	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	32	32	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	< 1,0	< 1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,9	5,9 <sup>1</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
	Turvação (NTU)	4	< 1	< 1	0	100%	1	1	100%
	C1	1,2-Dicloroetano(µg/l)	3,0	< 0,3	< 0,3	0	100%	1	1
Amónio (mg/L NH <sub>4</sub> )		0,50	< 0,04	< 0,04	0	100%	1	1	100%
Antimónio(µg/l Sb)		5,0	< 1,0	< 1,0	0	100%	1	1	100%
Alumínio(µg/l Al)		200	120	120	0	100%	1	1	100%
Benzeno(µg/l)		1,0	< 0,3	< 0,3	0	100%	1	1	100%
Benzo(a)Pireno(µg/l)		0,010	< 0,005	< 0,005	0	100%	1	1	100%
Boro(mg/l B)		1,0	< 0,100	< 0,100	0	100%	1	1	100%
Bromatos(µg/l BrO <sub>3</sub> )		10	< 5,0	< 5,0	0	100%	1	1	100%
Cádmio(µg/l Cd)		5,0	< 0,50	< 0,50	0	100%	1	1	100%
Cálcio(mg/l Ca)		---	< 5,0	< 5,0	---	---	1	1	100%
Chumbo(µg/l Pb)		10	< 2,0	< 2,0	0	100%	1	1	100%
Cianetos(µg/l CN)		50	< 10	< 10	0	100%	1	1	100%
Cloretos(mg/l Cl)		250	< 5,0	< 5,0	0	100%	1	1	100%
Clostridium perfringens(N/ml)		0	0	0	0	100%	1	1	100%
Cobre(mg/l Cu)		2,0	0,0088	0,0088	0	100%	1	1	100%
Crómio(µg/l Cr)		50	< 5,0	< 5,0	0	100%	1	1	100%
Dureza Total(mg/l CaCO <sub>3</sub> )		---	< 23	< 23	---	---	1	1	100%
Fluoretos(mg/l F)		1,5	0,11	0,11	0	100%	1	1	100%
Ferro(µg/l Fe)		200	< 25	< 25	0	100%	1	1	100%
Hap (Total)(µg/l)		0,10	< 0,0050	< 0,0050	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Benzo(k)fluoranteno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Benzo(ghi)perileno (µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Indeno(1,2,3-cd)pireno(µg/l)		---	< 0,005	< 0,005	---	---	1	1	100%
Magnésio(mg/l Mg)		---	< 2,5	< 2,5	---	---	1	1	100%
Manganês (µg/L Mn)		50	< 5,0	< 5,0	0	100%	1	1	100%
Mercurio(µg/l Hg)		1,0	< 0,20	< 0,20	0	100%	1	1	100%
Níquel(µg/l Ni)		20	4,9	4,9	0	100%	1	1	100%
Nitratos (mg/L NO <sub>3</sub> )		50	3,6	3,6	0	100%	1	1	100%
Nitritos(mg/L NO <sub>2</sub> )		0,50	0,022	0,022	0	100%	1	1	100%
Oxidabilidade (mg/L O <sub>2</sub> )		5,0	< 1,0	< 1,0	0	100%	1	1	100%
Selénio(µg/l Se)		10	< 2,5	< 2,5	0	100%	1	1	100%
Sódio(mg/l Na)		200	< 5,0	< 5,0	0	100%	1	1	100%
Arsénio(µg/l As)		10	< 1,0	< 1,0	0	100%	1	1	100%
Sulfatos(mg/l SO <sub>4</sub> )		250	< 5,0	< 5,0	0	100%	1	1	100%
Tetracloroetano e Tricloroetano(µg/l)		10	< 0,5	< 0,5	0	100%	1	1	100%
Tetracloroetano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Tricloroetano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Tri-Halometanos (Total)(µg/l)		100	< 0,5	< 0,5	0	100%	1	1	100%
Bromodiolometano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Bromofórmio(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Clorofórmio(µg/l)		---	< 0,4	< 0,4	---	---	1	1	100%
Dibromoclorometano(µg/l)		---	< 0,5	< 0,5	---	---	1	1	100%
Alfa-Total(Bq/l)		0,1	< 0,04	< 0,04	0	100%	1	1	100%
Beta-Total(Bq/l)		1,0	< 0,10	< 0,10	0	100%	1	1	100%
Dose indicativa Total(mSv/ano)		0,1	< 0,1	< 0,1	0	100%	1	1	100%
Radão(Bq/l)		500	239	239	0	100%	1	1	100%
Pesticidas (Total)(µg/l)		0,50	< 0,05	< 0,05	0	100%	1	1	100%
Alacloro(µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%
Desetilterbutilazina(µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%
Bentazona (µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%
Clorpirifos (µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%
Imidaclopride (µg/l)		0,10	< 0,05	< 0,05	0	100%	1	1	100%
Diurão(µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%
Terbutilazina(µg/l)		0,10	< 0,03	< 0,03	0	100%	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à União de Freguesias local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019





CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DE BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE S. JOÃO VILA CHÁ (BARRAL)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	3	3	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	27	27	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,3	6,3 <sup>1)</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
Turvação (NTU)	4	<1	<1	0	100%	1	1	100%	
C1	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---	

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à União de Freguesias local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DE BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE S. JOÃO VILA CHÁ (GOLFEIRO)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	25	25	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,5	5,5 <sup>1</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
C1	Turvação (NTU)	4	<1	<1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
	Diurão(µg/l)	0,10	---	---	---	---	0	0	---
	Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à União de Freguesias local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).


1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE SAMPRIZ

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,48	0,87	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	47	47	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	1,3	1,3	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,4	6,4 <sup>1)</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
CI	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
	Turvação (NTU)	4	<1	<1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromodichlorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
	Diurão(µg/l)	0,10	---	---	---	---	0	0	---
	Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à ERSAR e à Autoridade de Saúde; O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água. Não existe implementado sistema de correção de PH no sistema em causa; Não foram tomadas medidas por não haver risco para a saúde (parecer AS ou por ausência de parecer).

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).


1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE SANTIAGO VILA CHÁ

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,24	0,35	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	1	1	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	1	1	---	---	1	1	100%
	Nitratos <sup>1</sup> (mg/L NO3)	50	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	0	0	0	100%	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	69	69	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	1,3	1,5	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,9	6,9	0	100%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
Turvação (NTU)	4	<1	<1	0	100%	1	1	100%	
CI	1,2-Dicloroetano <sup>1</sup> (µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio <sup>1</sup> (µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	0	0	---
	Arsénio <sup>1</sup> (µg/l As)	10	---	---	---	---	0	0	---
	Benzeno <sup>1</sup> (µg/l)	1,0	---	---	---	---	0	0	---
	Benzo(a)Pireno(µg/l)	0,010	---	---	---	---	0	0	---
	Boro <sup>1</sup> (mg/l B)	1,0	---	---	---	---	0	0	---
	Bromatos <sup>1</sup> (µg/l BrO3)	10	---	---	---	---	0	0	---
	Cádmio <sup>1</sup> (µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos <sup>1</sup> (µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos <sup>1</sup> (mg/l Cl)	250	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio <sup>1</sup> (µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO3)	---	---	---	---	---	0	0	---
	Fluoretos <sup>1</sup> (mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio <sup>1</sup> (µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitritos(mg/L NO2)	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O2)	5,0	---	---	---	---	0	0	---
	Selénio <sup>1</sup> (µg/l Se)	10	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Sódio <sup>1</sup> (mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos <sup>1</sup> (mg/l SO4)	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano <sup>1</sup> (µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano <sup>1</sup> (µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano <sup>1</sup> (µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodiolometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromodiolometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total <sup>1</sup> (Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total <sup>1</sup> (Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total <sup>1</sup> (mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas <sup>1</sup> (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro <sup>1</sup> (µg/l)	0,10	---	---	---	---	0	0	---
	Desetiltterbutilazina <sup>1</sup> (µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona <sup>1</sup> (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos <sup>1</sup> (µg/l)	0,10	---	---	---	---	0	0	---
Imidaclopride <sup>1</sup> (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão <sup>1</sup> (µg/l)	0,10	---	---	---	---	0	0	---	
Terbutilazina <sup>1</sup> (µg/l)	0,10	---	---	---	---	0	0	---	

NOTA 1: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas do Norte S.A)

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DE BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE TOUVEDO S. LOURENÇO

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,12	0,46	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	32	32	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,7	5,7 <sup>nl</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
C1	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
	Turvação (NTU)	4	<1	<1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
	Diurão(µg/l)	0,10	---	---	---	---	0	0	---
	Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à União de Freguesias local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correcção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE TOUVEDO SALVADOR

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,26	0,29	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	30	30	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,6	5,6 <sup>91</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
C1	Turvação (NTU)	4	<1	<1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodlorometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
	Diurão(µg/l)	0,10	---	---	---	---	0	0	---
	Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à União de Freguesias local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correcção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).


1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE VADE S. PEDRO (BOIVIVO)

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,35	0,6	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	29	29	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	< 1,0	< 1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,1	6,1 <sup>a)</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
C1	Turvação (NTU)	4	< 1	< 1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	< 0,3	< 0,3	0	100%	1	1	100%
	Amónio (mg/L NH <sub>4</sub> )	0,50	< 0,04	< 0,04	0	100%	1	1	100%
	Antimónio(µg/l Sb)	5,0	< 1,0	< 1,0	0	100%	1	1	100%
	Alumínio(µg/l Al)	200	18	18	0	100%	1	1	100%
	Benzeno(µg/l)	1,0	< 0,3	< 0,3	0	100%	1	1	100%
	Benzo(a)Pireno(µg/l)	0,010	< 0,005	< 0,005	0	100%	1	1	100%
	Boro(mg/l B)	1,0	< 0,100	< 0,100	0	100%	1	1	100%
	Bromatos(µg/l BrO <sub>3</sub> )	10	< 5,0	< 5,0	0	100%	1	1	100%
	Cádmio(µg/l Cd)	5,0	< 0,50	< 0,50	0	100%	1	1	100%
	Cálcio(mg/l Ca)	---	< 5,0	< 5,0	---	---	1	1	100%
	Chumbo(µg/l Pb)	10	< 2,0	< 2,0	0	100%	1	1	100%
	Cianetos(µg/l CN)	50	< 10	< 10	0	100%	1	1	100%
	Cloretos(mg/l Cl)	250	< 5,0	< 5,0	0	100%	1	1	100%
	Clostridium perfringens(N/ml)	0	0	0	0	100%	1	1	100%
	Cobre(mg/l Cu)	2,0	0,048	0,048	0	100%	1	1	100%
	Crómio(µg/l Cr)	50	< 5,0	< 5,0	0	100%	1	1	100%
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	< 23	< 23	---	---	1	1	100%
	Fluoretos(mg/l F)	1,5	< 0,10	< 0,10	0	100%	1	1	100%
	Ferro(µg/l Fe)	200	< 25	< 25	0	100%	1	1	100%
	Hap (Total)(µg/l)	0,10	< 0,0050	< 0,0050	0	100%	1	1	100%
	Benzo(b)fluoranteno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Benzo(k)fluoranteno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Benzo(ghi)perileno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Indeno(1,2,3-cd)pireno(µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Magnésio(mg/l Mg)	---	< 2,5	< 2,5	---	---	1	1	100%
	Manganés (µg/L Mn)	50	< 5,0	< 5,0	0	100%	1	1	100%
	Mercurio(µg/l Hg)	1,0	< 0,20	< 0,20	0	100%	1	1	100%
	Níquel(µg/l Ni)	20	3,3	3,3	0	100%	1	1	100%
	Nitratos (mg/L NO <sub>3</sub> )	50	< 1,0	< 1,0	0	100%	1	1	100%
	Nitritos(mg/L NO <sub>2</sub> )	0,50	< 0,010	< 0,010	0	100%	1	1	100%
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	< 1,0	< 1,0	0	100%	1	1	100%
	Selénio(µg/l Se)	10	< 2,5	< 2,5	0	100%	1	1	100%
	Sódio(mg/l Na)	200	< 5,0	< 5,0	0	100%	1	1	100%
	Arsénio(µg/l As)	10	< 1,0	< 1,0	0	100%	1	1	100%
	Sulfatos(mg/l SO <sub>4</sub> )	250	< 5,0	< 5,0	0	100%	1	1	100%
	Tetracloroetano e Tricloroetano(µg/l)	10	< 0,5	< 0,5	0	100%	1	1	100%
	Tetracloroetano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%
	Tricloroetano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%
	Tri-Halometanos (Total)(µg/l)	100	< 0,5	< 0,5	0	100%	1	1	100%
	Bromodiolometano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%
	Bromofórmio(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%
	Clorofórmio(µg/l)	---	< 0,4	< 0,4	---	---	1	1	100%
	Dibromoclorometano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%
	Alfa-Total(Bq/l)	0,1	< 0,04	< 0,04	0	100%	1	1	100%
	Beta-Total(Bq/l)	1,0	< 0,10	< 0,10	0	100%	1	1	100%
	Dose indicativa Total(mSv/ano)	0,1	< 0,1	< 0,1	0	100%	1	1	100%
	Radão(Bq/l)	500	82	82	0	100%	1	1	100%
	Pesticidas (Total)(µg/l)	0,50	< 0,05	< 0,05	0	100%	1	1	100%
	Alacloro(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%
	Desetilbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%
	Bentazona (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%
	Clorpirifos (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%
	Imidaclopride (µg/l)	0,10	< 0,05	< 0,05	0	100%	1	1	100%
	Diurão(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%
	Terbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à Junta de Freguesia local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento recorrente visto que não existe implementado sistema de correcção de PH. O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água.

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE VADE S. TOMÉ

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,40	0,67	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	36	36	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	< 1,0	< 1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,3	6,3 <sup>9)</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
C1	Turvação (NTU)	4	< 1	< 1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	< 0,3	< 0,3	0	100%	1	1	100%
	Amónio (mg/L NH <sub>4</sub> )	0,50	< 0,04	< 0,04	0	100%	1	1	100%
	Antimónio(µg/l Sb)	5,0	< 1,0	< 1,0	0	100%	1	1	100%
	Alumínio(µg/l Al)	200	65	65	0	100%	1	1	100%
	Benzeno(µg/l)	1,0	< 0,3	< 0,3	0	100%	1	1	100%
	Benzo(a)Pireno(µg/l)	0,010	< 0,0050	< 0,0050	0	100%	1	1	100%
	Boro(mg/l B)	1,0	< 0,100	< 0,100	0	100%	1	1	100%
	Bromatos(µg/l BrO <sub>3</sub> )	10	< 5,0	< 5,0	0	100%	1	1	100%
	Cádmio(µg/l Cd)	5,0	< 0,50	< 0,50	0	100%	1	1	100%
	Cálcio(mg/l Ca)	---	< 5,0	< 5,0	---	---	1	1	100%
	Chumbo(µg/l Pb)	10	35	35 <sup>9)</sup>	1	0%	1	1	100%
	Cianetos(µg/l CN)	50	< 10	< 10	0	100%	1	1	100%
	Cloretos(mg/l Cl)	250	6,7	6,7	0	100%	1	1	100%
	Clostridium perfringens(N/ml)	0	0	0	0	100%	1	1	100%
	Cobre(mg/l Cu)	2,0	0,092	0,092	0	100%	1	1	100%
	Crómio(µg/l Cr)	50	< 5,0	< 5,0	0	100%	1	1	100%
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	< 23	< 23	---	---	1	1	100%
	Fluoretos(mg/l F)	1,5	< 0,10	< 0,10	0	100%	1	1	100%
	Ferro(µg/l Fe)	200	< 25	< 25	0	100%	1	1	100%
	Hap (Total)(µg/l)	0,10	< 0,0050	< 0,0050	0	100%	1	1	100%
	Benzo(b)fluoranteno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Benzo(k)fluoranteno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Benzo(ghi)perileno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Indeno(1,2,3-cd)pireno(µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%
	Magnésio(mg/l Mg)	---	< 2,5	< 2,5	---	---	1	1	100%
	Manganês (µg/L Mn)	50	< 5,0	< 5,0	0	100%	1	1	100%
	Mercurio(µg/l Hg)	1,0	< 0,20	< 0,20	0	100%	1	1	100%
	Níquel(µg/l Ni)	20	< 2,0	< 2,0	0	100%	1	1	100%
	Nitratos (mg/L NO <sub>3</sub> )	50	2,8	2,8	0	100%	1	1	100%
	Nitritos(mg/L NO <sub>2</sub> )	0,50	< 0,010	< 0,010	0	100%	1	1	100%
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	< 1,0	< 1,0	0	100%	1	1	100%
	Selénio(µg/l Se)	10	< 2,5	< 2,5	0	100%	1	1	100%
	Sódio(mg/l Na)	200	5,5	5,5	0	100%	1	1	100%
	Arsénio(µg/l As)	10	< 1,0	< 1,0	0	100%	1	1	100%
	Sulfatos(mg/l SO <sub>4</sub> )	250	< 5,0	< 5,0	0	100%	1	1	100%
	Tetracloroetano e Tricloroetano(µg/l)	10	< 0,5	< 0,5	0	100%	1	1	100%
	Tricloroetano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%
	Tri-Halometanos (Total)(µg/l)	100	2,8	2,8	0	100%	1	1	100%
	Bromodichlorometano(µg/l)	---	1,1	1,1	---	---	1	1	100%
	Bromofórmio(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%
	Clorofórmio(µg/l)	---	0,74	0,74	---	---	1	1	100%
	Dibromoclorometano(µg/l)	---	0,95	0,95	---	---	1	1	100%
	Alfa-Total(Bq/l)	0,1	0,08	0,08	0	100%	1	1	100%
	Beta-Total(Bq/l)	1,0	< 0,10	< 0,10	0	100%	1	1	100%
	Dose indicativa Total(mSv/ano)	0,1	< 0,1	< 0,1	0	100%	1	1	100%
	Radão(Bq/l)	500	< 10	< 10	0	100%	1	1	100%
	Pesticidas (Total)(µg/l)	0,50	< 0,05	< 0,05	0	100%	1	1	100%
	Alacloro(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%
	Desetilterbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%
Bentazona (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Clorpirifos (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Imidaclopride (µg/l)	0,10	< 0,05	< 0,05	0	100%	1	1	100%	
Diurão(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Terbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à ERSAR e à Autoridade de Saúde; O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água. Não existe implementado sistema de correção de PH no sistema em causa. Não foram tomadas medidas por não haver risco para a saúde (parecer AS ou por ausência de parecer).

d) Remetida informação à ERSAR e à Autoridade de Saúde; O incumprimento de chumbo resultou da migração dos materiais de construção da rede predial, pelo que foi efetuada comunicação ao responsável pela mesma com algumas recomendações; Análises subsequentes conformes.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019





CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).


1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE VADE S. PEDRO

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,38	0,52	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	21	21	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	45	45	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	< 1,0	< 1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,0	6,0 <sup>1</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
	Turvação (NTU)	4	< 1	< 1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	< 0,3	< 0,3	0	100%	1	1	100%
Amónio (mg/L NH <sub>4</sub> )	0,50	< 0,04	< 0,04	0	100%	1	1	100%	
Antimónio(µg/l Sb)	5,0	< 1,0	< 1,0	0	100%	1	1	100%	
Alumínio(µg/l Al)	200	56	56	0	100%	1	1	100%	
Benzeno(µg/l)	1,0	< 0,3	< 0,3	0	100%	1	1	100%	
Benzo(a)Pireno(µg/l)	0,010	< 0,0050	< 0,0050	0	100%	1	1	100%	
Boro(mg/l B)	1,0	< 0,100	< 0,100	0	100%	1	1	100%	
Bromatos(µg/l BrO <sub>3</sub> )	10	< 5,0	< 5,0	0	100%	1	1	100%	
Cádmio(µg/l Cd)	5,0	< 0,50	< 0,50	0	100%	1	1	100%	
Cálcio(mg/l Ca)	---	< 5,0	< 5,0	---	---	1	1	100%	
Chumbo(µg/l Pb)	10	2,3	2,3	0	100%	1	1	100%	
Cianetos(µg/l CN)	50	< 10	< 10	0	100%	1	1	100%	
Cloretos(mg/l Cl)	250	8,9	8,9	0	100%	1	1	100%	
Clostridium perfringens(N/ml)	0	0	0	0	100%	1	1	100%	
Cobre(mg/l Cu)	2,0	0,081	0,081	0	100%	1	1	100%	
Crómio(µg/l Cr)	50	< 5,0	< 5,0	0	100%	1	1	100%	
Dureza Total(mg/l CaCO <sub>3</sub> )	---	< 23	< 23	---	---	1	1	100%	
Fluoretos(mg/l F)	1,5	< 0,10	< 0,10	0	100%	1	1	100%	
Ferro(µg/l Fe)	200	< 25	< 25	0	100%	1	1	100%	
Hap (Total)(µg/l)	0,10	< 0,0050	< 0,0050	0	100%	1	1	100%	
Benzo(b)fluoranteno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%	
Benzo(k)fluoranteno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%	
Benzo(ghi)perileno (µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%	
Indeno(1,2,3-cd)pireno(µg/l)	---	< 0,005	< 0,005	---	---	1	1	100%	
Magnésio(mg/l Mg)	---	< 2,5	< 2,5	---	---	1	1	100%	
Manganês (µg/L Mn)	50	< 5,0	< 5,0	0	100%	1	1	100%	
Mercurio(µg/l Hg)	1,0	< 0,20	< 0,20	0	100%	1	1	100%	
Níquel(µg/l Ni)	20	< 2,0	< 2,0	0	100%	1	1	100%	
Nitratos (mg/L NO <sub>3</sub> )	50	1,3	1,3	0	100%	1	1	100%	
Nitritos(mg/L NO <sub>2</sub> )	0,50	< 0,010	< 0,010	0	100%	1	1	100%	
Oxidabilidade (mg/L O <sub>2</sub> )	5,0	1,5	1,5	0	100%	1	1	100%	
Selénio(µg/l Se)	10	< 2,5	< 2,5	0	100%	1	1	100%	
Sódio(mg/l Na)	200	7,6	7,6	0	100%	1	1	100%	
Arsénio(µg/l As)	10	< 1,0	< 1,0	0	100%	1	1	100%	
Sulfatos(mg/l SO <sub>4</sub> )	250	< 5,0	< 5,0	0	100%	1	1	100%	
Tetracloroetano e Tricloroetano(µg/l)	10	< 0,5	< 0,5	0	100%	1	1	100%	
Tetracloroetano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%	
Tricloroetano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%	
Tri-Halometanos (Total)(µg/l)	100	< 0,5	< 0,5	0	100%	1	1	100%	
Bromodiclorometano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%	
Bromofórmio(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%	
Clorofórmio(µg/l)	---	< 0,4	< 0,4	---	---	1	1	100%	
Dibromoclorometano(µg/l)	---	< 0,5	< 0,5	---	---	1	1	100%	
Alfa-Total(Bq/l)	0,1	< 0,04	< 0,04	0	100%	1	1	100%	
Beta-Total(Bq/l)	1,0	0,16	0,16	0	100%	1	1	100%	
Dose indicativa Total(mSv/ano)	0,1	< 0,1	< 0,1	0	100%	1	1	100%	
Radão(Bq/l)	500	84	84	0	100%	1	1	100%	
Pesticidas (Total)(µg/l)	0,50	< 0,05	< 0,05	0	100%	1	1	100%	
Alacloro(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Desetilbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Bentazona (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Clorpirifos (µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Imidaclopride (µg/l)	0,10	< 0,05	< 0,05	0	100%	1	1	100%	
Diurão(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	
Terbutilazina(µg/l)	0,10	< 0,03	< 0,03	0	100%	1	1	100%	

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à ERSAR e à Autoridade de Saúde; O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água. Não existe implementado sistema de correção de PH no sistema em causa. Não foram tomadas medidas por não haver risco para a saúde (parecer AS ou por ausência de parecer).

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DA BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE VILA E FREGUESIAS LÍMITROFES E AZIAS

Tipo de controlo	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	
CR1	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 (mg/L)	---	0,60	4,6	---	---	6	6	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	2	2	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	1	---	---	2	2	100%
	Alumínio(µg/l Al)	200	80	170	0	100%	2	2	100%
	Nitratos <sup>1</sup> (mg/L NO3)	50	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	0	0	0	100%	2	2	100%
	Condutividade (µS/cm a 20°C)	2500	93	119	0	100%	2	2	100%
	Cor (mg/L PtCo)	20	<1,0	1,6	0	100%	2	2	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	7,8	8,4	0	100%	2	2	100%
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	2	2	100%
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	2	2	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	2	2	100%
	Turvação (NTU)	4	<1	<1	0	100%	2	2	100%
	C1	1,2-Dicloroetano <sup>1</sup> (µg/l)	3,0	---	---	---	---	0	0
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio <sup>1</sup> (µg/l Sb)		5,0	---	---	---	---	0	0	---
Arsénio <sup>1</sup> (µg/l As)		10	---	---	---	---	0	0	---
Benzeno <sup>1</sup> (µg/l)		1,0	---	---	---	---	0	0	---
Benzo(a)Pireno(µg/l)		0,010	---	---	---	---	0	0	---
Boro <sup>1</sup> (mg/l B)		1,0	---	---	---	---	0	0	---
Bromatos <sup>1</sup> (µg/l BrO <sub>3</sub> )		10	---	---	---	---	0	0	---
Cádmio <sup>1</sup> (µg/l Cd)		5,0	---	---	---	---	0	0	---
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos <sup>1</sup> (µg/l CN)		50	---	---	---	---	0	0	---
Cloretos <sup>1</sup> (mg/l Cl)		250	---	---	---	---	0	0	---
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio <sup>1</sup> (µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO <sub>3</sub> )		---	---	---	---	---	0	0	---
Fluoretos <sup>1</sup> (mg/l F)		1,5	---	---	---	---	0	0	---
Ferro(µg/l Fe)		200	---	---	---	---	0	0	---
Hap (Total)(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	---
Magnésio(mg/l Mg)		---	---	---	---	---	0	0	---
Manganês (µg/L Mn)		50	---	---	---	---	0	0	---
Mercurio <sup>1</sup> (µg/l Hg)		1,0	---	---	---	---	0	0	---
Níquel(µg/l Ni)		20	---	---	---	---	0	0	---
Nitritos(mg/L NO <sub>2</sub> )		0,50	---	---	---	---	0	0	---
Oxidabilidade (mg/L O <sub>2</sub> )		5,0	---	---	---	---	0	0	---
Selénio <sup>1</sup> (µg/l Se)		10	---	---	---	---	0	0	---
Radão(Bq/l)		500	---	---	---	---	0	0	---
Sódio <sup>1</sup> (mg/l Na)		200	---	---	---	---	0	0	---
Sulfatos <sup>1</sup> (mg/l SO <sub>4</sub> )		250	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano <sup>1</sup> (µg/l)		10	---	---	---	---	0	0	---
Tetracloroetano <sup>1</sup> (µg/l)		---	---	---	---	---	0	0	---
Tricloroetano <sup>1</sup> (µg/l)		---	---	---	---	---	0	0	---
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodoclorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromoclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total <sup>1</sup> (Bq/l)		0,1	---	---	---	---	0	0	---
Beta-Total <sup>1</sup> (Bq/l)		1,0	---	---	---	---	0	0	---
Dose indicativa Total <sup>1</sup> (mSv/ano)		0,1	---	---	---	---	0	0	---
Pesticidas <sup>1</sup> (Total)(µg/l)		0,50	---	---	---	---	0	0	---
Alacloro <sup>1</sup> (µg/l)		0,10	---	---	---	---	0	0	---
Desetilerbutilazina <sup>1</sup> (µg/l)		0,10	---	---	---	---	0	0	---
Bentazona <sup>1</sup> (µg/l)		0,10	---	---	---	---	0	0	---
Clopirifos <sup>1</sup> (µg/l)		0,10	---	---	---	---	0	0	---
Imidaclopride <sup>1</sup> (µg/l)		0,10	---	---	---	---	0	0	---
Diurão <sup>1</sup> (µg/l)		0,10	---	---	---	---	0	0	---
Terbutilazina <sup>1</sup> (µg/l)		0,10	---	---	---	---	0	0	---

NOTA 1: Parâmetro (conservativo) analisado pela entidade gestora em alta (Águas do Norte S.A)

Informação complementar relativa à averiguação das situações de incumprimento dos VP: não se registaram incumprimentos

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019



CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO DO CONCELHO DE PONTE DE BARCA

EDITAL N.º 23

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2017, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2019  
01 Janeiro a  
31 de Março

SISTEMA DE ABASTECIMENTO DE VILA NOVA DE MUIÃ

Tipo de controlo	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	
CR1	Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	1,1	1,1	---	---	1	1	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	38	38	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	< 1,0	< 1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,2	6,2 <sup>1</sup>	1	0%	1	1	100%
	Cheiro a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Sabor a 25°C (Factor de diluição)	3	< 1	< 1	0	100%	1	1	100%
	Enterococos(ufc/100 ml)	0	0	0	0	100%	1	1	100%
CI	Turvação (NTU)	4	< 1	< 1	0	100%	1	1	100%
	1,2-Dicloroetano(µg/l)	3,0	---	---	---	---	0	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Alumínio(µg/l Al)	200	---	---	---	---	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 <sub>3</sub> )	10	---	---	---	---	0	0	---
	Cádmio(µg/l Cd)	5,0	---	---	---	---	0	0	---
	Cálcio(mg/l Ca)	---	---	---	---	---	0	0	---
	Chumbo(µg/l Pb)	10	---	---	---	---	0	0	---
	Cianetos(µg/l CN)	50	---	---	---	---	0	0	---
	Cloretos(mg/l Cl)	250	---	---	---	---	0	0	---
	Clostridium perfringens(N/ml)	0	---	---	---	---	0	0	---
	Cobre(mg/l Cu)	2,0	---	---	---	---	0	0	---
	Crómio(µg/l Cr)	50	---	---	---	---	0	0	---
	Dureza Total(mg/l CaCO <sub>3</sub> )	---	---	---	---	---	0	0	---
	Fluoretos(mg/l F)	1,5	---	---	---	---	0	0	---
	Ferro(µg/l Fe)	200	---	---	---	---	0	0	---
	Hap (Total)(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	---
	Magnésio(mg/l Mg)	---	---	---	---	---	0	0	---
	Manganés (µg/L Mn)	50	---	---	---	---	0	0	---
	Mercurio(µg/l Hg)	1,0	---	---	---	---	0	0	---
	Níquel(µg/l Ni)	20	---	---	---	---	0	0	---
	Nitratos (mg/L NO <sub>3</sub> )	50	---	---	---	---	0	0	---
	Nitritos(mg/L NO <sub>2</sub> )	0,50	---	---	---	---	0	0	---
	Oxidabilidade (mg/L O <sub>2</sub> )	5,0	---	---	---	---	0	0	---
	Selénio(µg/l Se)	10	---	---	---	---	0	0	---
	Sódio(mg/l Na)	200	---	---	---	---	0	0	---
	Arsénio(µg/l As)	10	---	---	---	---	0	0	---
	Sulfatos(mg/l SO <sub>4</sub> )	250	---	---	---	---	0	0	---
	Tetracloroetano e Tricloroetano(µg/l)	10	---	---	---	---	0	0	---
	Tetracloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tricloroetano(µg/l)	---	---	---	---	---	0	0	---
	Tri-Halometanos (Total)(µg/l)	100	---	---	---	---	0	0	---
	Bromodiolometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromoclorometano(µg/l)	---	---	---	---	---	0	0	---
	Alfa-Total(Bq/l)	0,1	---	---	---	---	0	0	---
	Beta-Total(Bq/l)	1,0	---	---	---	---	0	0	---
	Dose indicativa Total(mSv/ano)	0,1	---	---	---	---	0	0	---
	Radão(Bq/l)	500	---	---	---	---	0	0	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
	Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---
	Imidaclopride (µg/l)	0,10	---	---	---	---	0	0	---
	Diurão(µg/l)	0,10	---	---	---	---	0	0	---
	Terbutilazina(µg/l)	0,10	---	---	---	---	0	0	---

Informação complementar relativa à averiguação das situações de incumprimento dos VP:

a) Remetida informação à ERSAR e à Autoridade de Saúde; O incumprimento de PH é resultante das características naturais (hidrogeológicas) da origem da água. Não existe implementado sistema de correção de PH no sistema em causa; Não foram tomadas medidas por não haver risco para a saúde (parecer AS ou por ausência de parecer).

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 07-06-2019