



## MUNICÍPIO DE PONTE DA BARCA CÂMARA MUNICIPAL

**EDITAL Nº. 41/2019**

### **Qualidade da Água de Abastecimento Público Resultados Analíticos referentes ao 2º 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 2º trimestre de 2019, de acordo com o Quadro Anexo, que faz parte integrante deste Edital. -----

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

Câmara Municipal de Ponte da Barca, 30 de Agosto de 2019

O Presidente da Câmara Municipal,

\_\_\_\_\_  
(Augusto Manuel dos Reis Marinho, Dr.)



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	0,15	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	0	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	1	1	0	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	31	31	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%
	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	---
Manganés (µg/L Mn)		50	---	---	---	---	0	0	---
Mercúrio(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	---
Bromodiorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromodiorometano(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 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: 30-08-2019



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	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	75	75	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	6	6	---	---	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	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%
	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	---
Manganés (µg/L Mn)		50	---	---	---	---	0	0	---
Mercúrio(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	---
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 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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	4,0	4,0	---	---	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	---
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 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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

SISTEMA DE ABASTECIMENTO DE ENTRE AMBOS-OS-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%	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	21	21	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	3	3	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	27	27	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	1	1	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%
	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	---
Mercúrio(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	---
Tetracloroeteno e Tricloroeteno(µg/l)		10	---	---	---	---	0	0	---
Tetracloroeteno(µg/l)		---	---	---	---	---	0	0	---
Tricloroeteno(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	---
Dibromodiorometano(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 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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,31	0,48	---	---	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	59	59	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	1	1	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	6,5	6,5	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	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	---
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 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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	>100 <sup>b)</sup>	1	50%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	<0,10	---	---	2	2	100%
	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
CR2	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	1	1	100%
	Alumínio(µg/l Al)	200	110	110	0	100%	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	23	23	0	100%	1	1	100%
	Cor (mg/L PICO)	20	<1	<1	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,5	5,5 <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%
	Radão(Bq/l)	500	261	261	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	0	---
	Amónio (mg/L NH <sub>4</sub> )	0,50	---	---	---	---	0	0	---
	Antimónio(µg/l Sb)	5,0	---	---	---	---	0	0	---
	Arsénio(µg/l As)	10	---	---	---	---	0	0	---
	Benzeno(µg/l)	1,0	---	---	---	---	0	0	---
	Benz(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	---
	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 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.

b) Remetida informação à União de Freguesias local com propostas de intervenção, com conhecimento à ERSAR e à Autoridade de Saúde; Incumprimento resultante da dosagem inadequada de reagente. Análises subsequentes conformes.

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	0,12	---	---	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	26	26	0	100%	1	1	100%
	Cor (mg/L PICO)	20	<1,0	<1,0	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,5	5,5 <sup>01</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(ufo/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 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	---
	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 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	---
	Tetracloreto e Tricloreto(µg/l)	10	---	---	---	---	0	0	---
	Tetracloreto(µg/l)	---	---	---	---	---	0	0	---
	Tricloreto(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	---
	Dibromodiorometano(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 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: 30-08-2019





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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	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	47	47	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1	<1	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,7	5,7 <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%
	Radão(Bq/l)	500	328	328	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	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	---
	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	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutiazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaciopride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutiazina(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: 30-08-2019



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	0,23	1,8	---	---	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%
	Alumínio(µg/l Al)	200	160	160	0	100%	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	21	21	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1	<1	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	5,4	5,4 <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%
	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	---
	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	---
	Mercúrio(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	---
	Bromodiolometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromodiolometano(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	---
	Desetilterbutiazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	---	---	---	---	0	0	---
Clorpirifos (µg/l)	0,10	---	---	---	---	0	0	---	
Imidaciopiride (µg/l)	0,10	---	---	---	---	0	0	---	
Diurão(µg/l)	0,10	---	---	---	---	0	0	---	
Terbutiazina(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: 30-08-2019



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	0,16	---	---	2	2	100%
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	53	53	---	---	1	1	100%
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	24	24	---	---	1	1	100%
	Condutividade (µS/cm a 20°C)	2500	19	19	0	100%	1	1	100%
	Cor (mg/L PtCo)	20	<1	<1	0	100%	1	1	100%
	pH (Unidades pH)	≥6,5 e ≤9,5	7,9	7,9	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(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	---
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 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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,12	0,12	---	---	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	---
	Arsénio(µg/l As)	10	---	---	---	---	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	---
	Turbidez (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	---
	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	---
	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	---
	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 de publicação: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	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	---
	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	---
	Radão(Bq/l)	500	---	---	---	---	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	---
	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 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	---
	Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---
	Alacloro(µg/l)	0,10	<0,03	<0,03	0	100%	1	1	100%
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	100%
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: 30-08-2019



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	2	2	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
	Desinfetante residual (mg/L)	---	<0,10	0,12	---	---	2	2	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	---
	Radão(Bq/l)	500	---	---	---	---	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	---
	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 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	---
	Pesticidas (Total)(µg/l)	0,50	<0,03	<0,03	0	100%	1	1	100%
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	100%
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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	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	---
	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	---
CI	Turvação (NTU)	4	---	---	---	---	0	0	---
	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	---
	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 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	---
	Radão(Bq/l)	500	---	---	---	---	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	---
	Bromodibromometano(µg/l)	---	---	---	---	---	0	0	---
	Bromofórmio(µg/l)	---	---	---	---	---	0	0	---
	Clorofórmio(µg/l)	---	---	---	---	---	0	0	---
	Dibromodibromometano(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	<0,03	<0,03	0	100%	1	1	100%
	Alacloro(µg/l)	0,10	---	---	---	---	0	0	---
	Desetilterbutilazina(µg/l)	0,10	---	---	---	---	0	0	---
	Bentazona (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	100%
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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	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	---
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	---
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: 30-08-2019





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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

## 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%	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	---
	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	---	
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	---	
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	---	
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	---	
Pesticidas (Total)(µg/l)	0,50	---	---	---	---	0	0	---	
Alacloro(µg/l)	0,10	---	---	---	---	0	0	---	
Desetilterbutiazina(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	---	
Terbutiazina(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: 30-08-2019



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	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	---
Radão(Bq/l)		500	---	---	---	---	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	---
Pesticidas (Total)(µg/l)		0,50	---	---	---	---	0	0	---
Alacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutiazina (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	---	
Terbutiazina(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: 30-08-2019



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,13	0,13	---	---	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 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	---
Bromodiorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromodiorometano(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: não se registaram incumprimentos

O Presidente:

(Augusto Manuel dos Reis Marinho)

Data da publicação: 30-08-2019



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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,45	0,45	---	---	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	---
	Nitratos <sup>3</sup> (mg/L NO3)	50	2,0	2,0	0	100%	1	1	100%
	Clostridium perfringens(N/ml)	0	---	---	---	---	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 <sup>1</sup> (µg/l)	3,0	<0,5	<0,5	0	100%	1	1
Amónio (mg/L NH <sub>4</sub> )		0,50	---	---	---	---	0	0	---
Antimónio <sup>1</sup> (µg/l Sb)		5,0	<3,5	<3,5	0	100%	1	1	100%
Alumínio(µg/l Al)		200	---	---	---	---	0	0	---
Arsénio <sup>1</sup> (µg/l As)		10	<3,0	<3,0	0	100%	1	1	100%
Benzeno <sup>1</sup> (µg/l)		1,0	<0,2	<0,2	0	100%	1	1	100%
Benzo(a)Pireno(µg/l)		0,010	---	---	---	---	0	0	---
Boro <sup>1</sup> (mg/l B)		1,0	<0,3	<0,3	0	100%	1	1	100%
Bromatos <sup>1</sup> (µg/l BrO3)		10	<10	<10	0	100%	1	1	100%
Cádmio <sup>1</sup> (µg/l Cd)		5,0	<0,30	<0,30	0	100%	1	1	100%
Cálcio(mg/l Ca)		---	---	---	---	---	0	0	---
Chumbo(µg/l Pb)		10	---	---	---	---	0	0	---
Cianetos <sup>1</sup> (µg/l CN)		50	<15	<15	0	100%	1	1	100%
Cloretos <sup>1</sup> (mg/l Cl)		250	5,3	5,3	0	100%	1	1	100%
Cobre(mg/l Cu)		2,0	---	---	---	---	0	0	---
Crómio(µg/l Cr)		50	---	---	---	---	0	0	---
Dureza Total(mg/l CaCO3)		---	---	---	---	---	0	0	---
Fluoretos <sup>1</sup> (mg/l F)		1,5	0,1	0,1	0	100%	1	1	100%
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	<0,20	<0,20	0	100%	1	1	100%
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	<3,2	<3,2	0	100%	1	1	100%
Radão(Bq/l)		500	---	---	---	---	0	0	---
Sódio <sup>1</sup> (mg/l Na)		200	8,8	8,8	0	100%	1	1	100%
Sulfatos <sup>1</sup> (mg/l SO4)		250	<1,0	<1,0	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno <sup>1</sup> (µg/l)		10	<1,0	<1,0	0	100%	1	1	100%
Tetracloroeteno <sup>1</sup> (µg/l)		---	<0,5	<0,5	---	---	1	1	100%
Tricloroeteno <sup>1</sup> (µg/l)		---	<0,5	<0,5	---	---	1	1	100%
Tri-Halometanos (Total)(µg/l)		100	---	---	---	---	0	0	---
Bromodiolclorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromodiolclorometano(µg/l)		---	---	---	---	---	0	0	---
Alfa-Total <sup>1</sup> (Bq/l)		0,1	0,072	0,072	0	100%	1	1	100%
Beta-Total <sup>1</sup> (Bq/l)		1,0	0,077	0,077	0	100%	1	1	100%
Dose indicativa Total <sup>1</sup> (mSv/ano)		0,1	<0,10	<0,10	0	100%	1	1	100%
Pesticidas <sup>3</sup> (Total)(µg/l)		0,50	<0,03	<0,03	0	100%	1	1	100%
Alacloro <sup>1</sup> (µg/l)		0,10	<0,01	<0,01	0	100%	1	1	100%
Desetilterbutilazina <sup>1</sup> (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	100%	
Bentazona <sup>1</sup> (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	100%	
Clorpirifos <sup>1</sup> (µg/l)	0,10	<0,01	<0,01	0	100%	1	1	100%	
Imidaclopride <sup>1</sup> (µg/l)	0,10	<0,03	<0,03	0	100%	1	1	100%	
Diurão <sup>1</sup> (µg/l)	0,10	<0,01	<0,01	0	100%	1	1	100%	
Terbutilazina <sup>1</sup> (µg/l)	0,10	<0,01	<0,01	0	100%	1	1	100%	

NOTA 1: Parâmetro (conservativo) analisado pela entidade gestora em alla (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: 30-08-2019



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

EDITAL N.º 41


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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,20	0,20	---	---	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 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	---
Bromodiorometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromodiorometano(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: não se registaram incumprimentos

O Presidente:   
(Augusto Manuel dos Reis Marinho)

Data de publicação: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,22	0,22	---	---	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	---
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 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	---
Radão(Bq/l)		500	---	---	---	---	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	---
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 de publicação: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

SISTEMA DE ABASTECIMENTO DE VADE S. PEDRO (BOVIVO)

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)	---	0,34	0,34	---	---	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	---
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	---
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 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	---
Arsénio(µg/l As)		10	---	---	---	---	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	---
Bromodiolometano(µg/l)		---	---	---	---	---	0	0	---
Bromofórmio(µg/l)		---	---	---	---	---	0	0	---
Clorofórmio(µg/l)		---	---	---	---	---	0	0	---
Dibromodiolometano(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 de publicação: 30-08-2019



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

EDITAL N.º 41


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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,38	0,38	---	---	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	---
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	---
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 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	---
Arsénio(µg/l As)		10	---	---	---	---	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	---
Atacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutiazina(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	---
Terbutiazina(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: 30-08-2019





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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

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%	1	1	100%
	Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
	Desinfetante residual (mg/L)	---	0,42	0,42	---	---	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	---
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	---
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 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	---
Arsénio(µg/l As)		10	---	---	---	---	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 de publicação: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

SISTEMA DE ABASTECIMENTO DE VILA E FREGUESIAS LIMITROFES 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)	---	<0,10	0,99	---	---	6	6	100%	
CR2	Número de colónias a 22 °C (N/ml)	S/ alt. anormal	0	0	---	---	3	3	100%	
	Número de colónias a 37 °C (N/ml)	S/ alt. anormal	0	0	---	---	3	3	100%	
	Alumínio (µg/l Al)	200	43	52	0	100%	3	3	100%	
	Nitratos <sup>1</sup> (mg/L NO <sub>3</sub> )	50	1,2	1,2	0	100%	1	1	100%	
	Clostridium perfringens(N/ml)	0	0	0	0	100%	3	3	100%	
	Condutividade (µS/cm a 20°C)	2500	94	118	0	100%	3	3	100%	
	Cor (mg/L PtCo)	20	<1,0	1,6	0	100%	3	3	100%	
	pH (Unidades pH)	≥6,5 e ≤9,5	7,6	7,9	0	100%	3	3	100%	
	Cheiro a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%	
	Sabor a 25°C (Factor de diluição)	3	<1	<1	0	100%	3	3	100%	
	Enterococos(ufc/100 ml)	0	0	0	0	100%	3	3	100%	
	Turvação (NTU)	4	<1	<1	0	100%	3	3	100%	
	CI	1,2-Dicloroetano <sup>1</sup> (µg/l)	3,0	<0,5	<0,5	0	100%	1	1	100%
		Amónio (mg/L NH <sub>4</sub> )	0,50	<0,04	<0,04	0	100%	1	1	100%
Antimónio <sup>1</sup> (µg/l Sb)		5,0	<3,5	<3,5	0	100%	1	1	100%	
Arsénio <sup>1</sup> (µg/l As)		10	<3,0	<3,0	0	100%	1	1	100%	
Benzeno <sup>1</sup> (µg/l)		1,0	<0,2	<0,2	0	100%	1	1	100%	
Benzo(a)Pireno(µg/l)		0,010	<0,0050	<0,0050	0	100%	1	1	100%	
Boro <sup>1</sup> (mg/l B)		1,0	<0,3	<0,3	0	100%	1	1	100%	
Bromatos <sup>1</sup> (µg/l BrO <sub>3</sub> )		10	<10	<10	0	100%	1	1	100%	
Cádmio <sup>1</sup> (µg/l Cd)		5,0	<0,30	<0,30	0	100%	1	1	100%	
Cálcio(mg/l Ca)		---	14	14	---	---	1	1	100%	
Chumbo(µg/l Pb)		10	<2,0	<2,0	0	100%	1	1	100%	
Cianetos <sup>1</sup> (µg/l CN)		50	<15	<15	0	100%	1	1	100%	
Cloretos <sup>1</sup> (mg/l Cl)		250	8	8	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	<0,5	<0,5	0	100%	1	1	100%	
Dureza Total(mg/l CaCO <sub>3</sub> )		---	35	35	---	---	1	1	100%	
Fluoretos <sup>1</sup> (mg/l F)		1,5	0,1	0,1	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)		---	<0,0050	<0,0050	---	---	1	1	100%	
Benzo(k)fluoranteno (µg/l)		---	<0,0050	<0,0050	---	---	1	1	100%	
Benzo(ghi)perileno (µg/l)		---	<0,0050	<0,0050	---	---	1	1	100%	
Indeno(1,2,3-cd)pireno(µg/l)		---	<0,0050	<0,0050	---	---	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%	
Mercúrio <sup>1</sup> (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%	
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 <sup>1</sup> (µg/l Se)		10	<3,2	<3,2	0	100%	1	1	100%	
Radão(Bq/l)		500	---	---	---	---	0	0	---	
Sódio <sup>1</sup> (mg/l Na)		200	3,7	3,7	0	100%	1	1	100%	
Sulfatos <sup>1</sup> (mg/l SO <sub>4</sub> )		250	1,6	1,6	0	100%	1	1	100%	
Tetracloroetano e Tricloroetano <sup>1</sup> (µg/l)		10	<1,0	<1,0	0	100%	1	1	100%	
Tetracloroetano <sup>1</sup> (µg/l)		---	<0,5	<0,5	---	---	1	1	100%	
Tricloroetano <sup>1</sup> (µg/l)		---	<0,5	<0,5	---	---	1	1	100%	
Tri-Halometanos (Total)(µg/l)		100	28	28	0	100%	1	1	100%	
Bromodiclorometano(µg/l)		---	4,4	4,4	---	---	1	1	100%	
Bromofórmio(µg/l)		---	<0,5	<0,5	---	---	1	1	100%	
Clorofórmio(µg/l)		---	21	21	---	---	1	1	100%	
Dibromoclorometano(µg/l)		---	2,1	2,1	---	---	1	1	100%	
Alfa-Total <sup>1</sup> (Bq/l)		0,1	<0,010	<0,010	0	100%	1	1	100%	
Beta-Total <sup>1</sup> (Bq/l)		1,0	0,032	0,032	0	100%	1	1	100%	
Dose indicativa Total <sup>1</sup> (mSv/ano)		0,1	<0,10	<0,10	0	100%	1	1	100%	
Pesticidas <sup>1</sup> (Total)(µg/l)		0,50	<0,03	<0,03	0	100%	1	1	100%	
Alacloro <sup>1</sup> (µg/l)		0,10	<0,01	<0,01	0	100%	1	1	100%	
Desetilterbutilazina <sup>1</sup> (µg/l)		0,10	<0,03	<0,03	0	100%	1	1	100%	
Bentazona <sup>1</sup> (µg/l)		0,10	<0,03	<0,03	0	100%	1	1	100%	
Clorpirifos <sup>1</sup> (µg/l)		0,10	<0,01	<0,01	0	100%	1	1	100%	
Imidaclopride <sup>1</sup> (µg/l)		0,10	<0,03	<0,03	0	100%	1	1	100%	
Diurão <sup>1</sup> (µg/l)		0,10	<0,01	<0,01	0	100%	1	1	100%	
Terbutilazina <sup>1</sup> (µg/l)		0,10	<0,01	<0,01	0	100%	1	1	100%	

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: 30-08-2019



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

EDITAL N.º 41

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).

2º TRIMESTRE 2019  
01 Abril a  
30 de Junho

SISTEMA DE ABASTECIMENTO DE VILA NOVA DE MUIA

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)	---	0,32	0,39	---	---	2	2	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	---
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(mg/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	---
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 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	---
Arsénio(µg/l As)		10	---	---	---	---	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	<0,03	<0,03	0	100%	1	1	100%
Alacloro(µg/l)		0,10	---	---	---	---	0	0	---
Desetilterbutilazina(µg/l)		0,10	---	---	---	---	0	0	---
Bentazona (µg/l)		0,10	<0,03	<0,03	0	100%	1	1	100%
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)

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