


## Resumo dos parâmetros pesquisados durante o 2.º trimestre de 2018

	<b>DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA</b> ZONA DE ABASTECIMENTO: Resumo Geral	2º TRIMESTRE  2018
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Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do V.P.	N.º Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	10	2	94%	36	36	100%
Bactérias Coliformes	0	N/100ml	0	34	9	75%	36	36	100%
Desinfectante residual	---	mg/l	<0,1(l.q.)	2,0	---	---	36	36	100%
Cheiro, a 25°C	3	Fator de diluição	<1	<1	0	100%	14	14	100%
Sabor, a 25 °C	3	Fator de diluição	<1	<1	0	100%	14	14	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,5 (22°C)	7,1 (22°C)	0	100%	14	14	100%
Condutividade	2500	µS/cm a 20 °C	18	120	0	100%	14	14	100%
Cor	20	mg/l PtCo	<5(l.q.)	9	0	100%	14	14	100%
Turvação	4	UNT	<0,5(l.q.)	2,0	0	100%	14	14	100%
Enterococos	0	N/100ml	0	0	0	100%	4	4	100%
Número de Colónias a 22°C	---	N/ml	27	>300	---	---	14	14	100%
Número de Colónias a 37°C	---	N/ml	10	>300	---	---	14	14	100%
Clostridium Perfringens	0	N/100ml	<5(l.q.)	9	0	100%	9	9	100%
Alumínio	200	µg/L Al	<30(l.q.)	78,2	0	100%	7	7	100%
Amónio	0,50	mg/l NH <sub>4</sub>	<0,1(l.q.)	<0,1(l.q.)	0	100%	14	14	100%
Antimónio	5,0	µg/l Sb	<1,0(l.q.)	<1,0(l.q.)	0	100%	3	3	100%
Arsénio	10	µg/l As	<1,0(l.q.)	<1,0(l.q.)	0	100%	3	3	100%
Benzeno	1,0	µg/l	<0,020(l.q.)	<0,020(l.q.)	0	100%	3	3	100%
Benzo(a)pireno	0,010	µg/l	<0,006	<0,006	0	100%	4	4	100%
Boro	1,0	mg/l B	<0,010(l.q.)	<0,010(l.q.)	0	100%	3	3	100%
Bromatos	10	µg/l BrO <sub>3</sub>	<5,0(l.q.)	<5,0(l.q.)	0	100%	3	3	100%
Cádmio	5,0	µg/l Cd	<0,040(l.q.)	<0,040(l.q.)	0	100%	3	3	100%
Cálcio	---	µg/l Ca	<2,0(l.q.)	13	---	---	4	4	100%
Cianetos	50	µg/l CN	<5,0(l.q.)	<5,0(l.q.)	0	100%	3	3	100%
Cloretos	250	mg/l Cl	2,2	5,1	0	100%	3	3	100%
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	<1,0(l.q.)	<1,0(l.q.)	0	100%	4	4	100%
Cobre	2,0	µg/l Cu	0,094	0,094	0	100%	4	4	100%
Crómio	50	µg/l Cr	<1,0(l.q.)	<1,0(l.q.)	0	100%	3	3	100%
1,2-Dicloroetano	3,0	µg/l	<0,750(l.q.)	<0,750(l.q.)	0	100%	3	3	100%
Dureza Total	---	mg/l CaCO <sub>3</sub>	<5,0(l.q.)	42	---	---	4	4	100%
Ferro	200	µg/l Fe	9,2	51	0	100%	4	4	100%
Fluoretos	1,5	µg/l F	<0,4(l.q.)	<0,4(l.q.)	0	100%	3	3	100%
Hydrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	<0,010(l.q.)	<0,010(l.q.)	---	---	4	4	100%
Benzo(k)fluoranteno	---	µg/l	<0,010(l.q.)	<0,010(l.q.)	---	---	4	4	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	<0,010(l.q.)	<0,010(l.q.)	---	---	4	4	100%
Índeno(1,2,3-cd)pireno	---	µg/l	<0,020(l.q.)	<0,020(l.q.)	---	---	4	4	100%
Magnésio	---	mg/l Mg	<2,0(l.q.)	2,4	---	---	4	4	100%
Manganês	50	mg/l Mn	1,28	20,6	0	100%	13	13	100%
Nitratos <sup>1</sup>	50	mg/l NO <sub>3</sub>	<4(l.q.)	<4(l.q.)	0	100%	9	9	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	<0,04(l.q.)	<0,04(l.q.)	0	100%	4	4	100%
Mercurio	1,0	µg/l Hg	<0,010(l.q.)	<0,010(l.q.)	0	100%	3	3	100%
Níquel	20	µg/l Ni	<5(l.q.)	<5(l.q.)	0	100%	4	4	100%
Oxidabilidade	5,0	µg/l O <sub>2</sub>	<1,9(l.q.)	<1,9(l.q.)	0	100%	14	14	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	<1,0(l.q.)	<1,0(l.q.)	0	100%	3	3	100%
Sódio	200	mg/l Na	2,24	2,85	0	100%	3	3	100%
Sulfatos	250	mg/ SO <sub>4</sub>	<10(l.q.)	<10(l.q.)	0	100%	4	4	100%
Tetracloroetano e Tricloroetano:	10	µg/l	<0,30(l.q.)	<0,30(l.q.)	0	100%	3	3	100%
Tetracloroetano	---	µg/l	<0,20(l.q.)	<0,20(l.q.)	---	---	3	3	100%
Tricloroetano	---	µg/l	<0,10(l.q.)	<0,10(l.q.)	---	---	3	3	100%
Trihalometanos - total (THM):	100	µg/l	<0,50(l.q.)	<0,50(l.q.)	0	100%	3	3	100%
Clorofórmio	---	µg/l	0,19	36	---	---	4	4	100%
Bromofórmio	---	µg/l	<0,20(l.q.)	<7(l.q.)	---	---	4	4	100%
Bromodiclorometano	---	µg/l	<0,10(l.q.)	<7(l.q.)	---	---	4	4	100%
Dibromoclorometano	---	µg/l	<0,10(l.q.)	<7(l.q.)	---	---	4	4	100%
Dose Indicativa	0,10	mSv	<0,10 mSv	<0,10 mSv	0	100%	3	3	100%
Radão	500	Bq/l	<10,0(l.d.)	256	0	100%	4	4	100%
Alfa total	---	Bq/l	<0,04(l.d.)	0,11	---	---	3	3	100%
Beta total	1	Bq/l	<0,10(l.d.)	0,12	0	100%	3	3	100%

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Alfa Total, bactérias coliformes, escherichia coli, número de colónias a 22°C, número de colónias a 37°C. Causas: Características naturais da origem da água. Falha no sistema de tratamento. Dosagem inadequada de reagente. Medidas correctivas: Não foram tomadas medidas porque se concluiu que a dose indicativa é inferior a 0,10mSv. Reparação do equipamento no processo de tratamento. Correção da dosagem de reagente no tratamento.

Responsável: 

Data da publicação no website: 31 de agosto de 2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na tomeira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	28	1	0%	1	1	100%
Desinfectante residual	---	mg/l	---	<0,1(l.q.)	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	---	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	18	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,5(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	>300	---	---	1	1	100%
Número de Colónias a 37°C	---	N/ml	---	>300	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/l Al	---	78,2	0	100%	1	1	100%
Amónio	0,50	mg/l NH <sub>4</sub>	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,006(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO <sub>3</sub>	---	<5,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	<2,0(l.q.)	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	---	2,2	0	100%	1	1	100%
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0046	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	<5,0(l.q.)	---	---	1	1	100%
Ferro	200	µg/l Fe	---	9,2	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	<0,4(l.q.)	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	<0,010(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,010(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,010(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,020(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganés	50	mg/l Mn	---	3,51	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,010(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	2,24	0	100%	1	1	100%
Sulfatos	250	mg/l SO <sub>4</sub>	---	<10(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	<0,50(l.q.)	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	0,19	---	---	1	1	100%
Bromofórmio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodichlorometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dibromochlorometano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10 mSv	0	100%	1	1	100%
Rádio	500	Bq/l	---	256	0	100%	1	1	100%
Alfa total	---	Bq/l	---	<0,04(l.d.)	---	---	1	1	100%
Beta total	1	Bq/l	---	0,12	0	100%	1	1	100%

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causas: Dosagem inadequada de reagente. Medidas Correctivas: Correção da dosagem de reagente no tratamento.

Responsável:

*[Assinatura]*

Data da publicação no website: 31 de agosto de 2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	6	6	100%
Bactérias Coliformes	0	N/100ml	0	22	1	83%	6	6	100%
Desinfectante residual	—	mg/l	<0,1(l.q.)	0,8	—	—	6	6	100%
Cheiro, a 25°C	3	Fator de diluição	<1	<1	0	100%	4	4	100%
Sabor, a 25 °C	3	Fator de diluição	<1	<1	0	100%	4	4	100%
pH	≥6,5 e ≤9,5	Unidades pH	6,7 (22 °C)	7,1 (22 °C)	0	100%	4	4	100%
Condutividade	2500	µS/cm a 20 °C	107	120	0	100%	4	4	100%
Cor	20	mg/l PtCo	<5(l.q.)	<5(l.q.)	0	100%	4	4	100%
Turvação	4	UNT	<0,5(l.q.)	0,6	0	100%	4	4	100%
Enterococos	0	N/100ml	—	0	0	100%	1	1	100%
Número de Colónias a 22°C	—	N/ml	—	207	—	—	4	4	100%
Número de Colónias a 37°C	—	N/ml	—	176	—	—	4	4	100%
Clostridium Perfringens	0	N/100ml	0	0	0	100%	4	4	100%
Alumínio	200	µg/L Al	<30(l.q.)	56	0	100%	4	4	100%
Amónio	0,50	mg/l NH <sub>4</sub>	<0,1(l.q.)	<0,1(l.q.)	0	100%	4	4	100%
Antimónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	<0,006(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	13	0	100%	1	1	100%
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloretos	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	—	<0,010(l.q.)	0	100%	1	1	100%
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	42	0	100%	1	1	100%
Ferro	200	µg/l Fe	—	51	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	<0,010(l.q.)	0	100%	1	1	100%
Benzo(k)fluoranteno	—	µg/l	—	<0,010(l.q.)	0	100%	1	1	100%
Benzo(ghi)perileno (µg/L)	—	µg/l	—	<0,010(l.q.)	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	—	µg/l	—	<0,020(l.q.)	0	100%	1	1	100%
Magnésio	—	mg/l Mg	—	2,4	0	100%	1	1	100%
Manganês	50	mg/l Mn	—	<10(l.q.)	0	100%	4	4	100%
Nitratos <sup>1</sup>	50	mg/l NO <sub>3</sub>	—	—	—	—	—	—	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	—	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	<5(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O <sub>2</sub>	<1,9(l.q.)	<1,9(l.q.)	0	100%	4	4	100%
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilferbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	36	0	100%	1	1	100%
Bromofórmio	—	µg/l	—	<7(l.q.)	0	100%	1	1	100%
Bromodiodorometano	—	µg/l	—	<7(l.q.)	0	100%	1	1	100%
Dibromodiodorometano	—	µg/l	—	<7(l.q.)	0	100%	1	1	100%
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	<10,0(l.d.)	0	100%	1	1	100%
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causas: Dosagem inadequada de reagente. Medidas Correctivas: Correção da dosagem de reagente no tratamento.

Responsável:

Data da publicitação no website: 31 de agosto de 2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	0,3	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A.
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A.
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A.
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A.
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A.
Turvação	4	UNT	---	---	---	---	---	---	N.A.
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A.
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A.
Número de Colónias a 37°C	---	N/ml	---	---	---	---	---	---	N.A.
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A.
Alumínio	200	µg/l Al	---	---	---	---	---	---	N.A.
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	N.A.
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A.
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A.
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A.
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A.
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A.
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A.
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A.
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A.
Cianetos	60	µg/l CN	---	---	---	---	---	---	N.A.
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A.
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A.
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A.
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A.
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A.
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A.
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A.
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A.
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A.
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A.
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A.
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A.
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A.
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A.
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A.
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A.
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A.
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	---	---	N.A.
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A.
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	N.A.
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A.
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	---	---	---	---	---	N.A.
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A.
Desetiltetrbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A.
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A.
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A.
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A.
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A.
Sulfatos	250	mg/l SO <sub>4</sub>	---	---	---	---	---	---	N.A.
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A.
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A.
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A.
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A.
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A.
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A.
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	N.A.
Dibromodichlorometano	---	µg/l	---	---	---	---	---	---	N.A.
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A.
Radão	500	Bq/l	---	---	---	---	---	---	N.A.
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A.
Beta total	1	Bq/l	---	---	---	---	---	---	N.A.

Nota1: Parâmetro analisado pela entidade gestora em alta - Aguas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 31 de agosto de 2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	---	0,2	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 37°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganés	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

*Carla da Silva*

Data da publicação no website: 31 de agosto de 2018

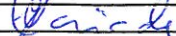
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	26	1	50%	2	2	100%
Desinfetante residual	—	mg/l	<0,1(l.q.)	<0,1(l.q.)	—	—	2	2	100%
Cheiro, a 25°C	3	Fator de diluição	—	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	—	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	—	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	—	42	0	100%	1	1	100%
Cor	20	mg/l PtCo	—	9	0	100%	1	1	100%
Turvação	4	UNT	—	0,7	0	100%	1	1	100%
Enterococos	0	N/100ml	—	—	—	—	—	—	N.A
Número de Colónias a 22°C	—	N/ml	—	27	—	—	1	1	100%
Número de Colónias a 37°C	—	N/ml	—	10	—	—	1	1	100%
Clostridium Perfringens	0	N/100ml	—	—	—	—	—	—	N.A
Alumínio	200	µg/l Al	—	—	—	—	—	—	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	—	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	—	—	—	—	—	N.A
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	—	—	—	—	—	N.A
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloreto	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	—	—	—	—	—	N.A
Cobre	2,0	µg/l Cu	—	—	—	—	—	—	N.A
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	—	—	—	—	—	N.A
Ferro	200	µg/l Fe	—	—	—	—	—	—	N.A
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(k)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(ghi)perileno (µg/L)	—	µg/l	—	—	—	—	—	—	N.A
Indeno(1,2,3-cd)pireno	—	µg/l	—	—	—	—	—	—	N.A
Magnésio	—	mg/l Mg	—	—	—	—	—	—	N.A
Manganés	50	mg/l Mn	—	20,6	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	—	4	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	—	—	—	—	—	—	N.A
Mercurio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	—	—	—	—	—	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilterbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromodiodorometano	—	µg/l	—	—	—	—	—	—	N.A
Dibromodiodorometano	—	µg/l	—	—	—	—	—	—	N.A
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	—	—	—	—	—	N.A
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causa: Falha de equipamento no processo de tratamento. Medidas correctivas: Reparação do equipamento no processo de tratamento.

Responsável:



Data da publicação no website: 31 de agosto de 2018



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA  
ZONA DE ABASTECIMENTO: Nagosa

2º TRIMESTRE  
2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	0	0	100%	2	2	100%
Desinfectante residual	—	mg/l	<0,1(l.q.)	0,9	—	—	2	2	100%
Cheiro, a 25°C	3	Fator de diluição	—	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	—	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	—	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	—	33	0	100%	1	1	100%
Cor	20	mg/l PtCo	—	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	—	0,7	0	100%	1	1	100%
Enterococos	0	N/100ml	—	0	0	100%	1	1	100%
Número de Colónias a 22°C	—	N/ml	—	não	—	—	1	1	100%
Número de Colónias a 37°C	—	N/ml	—	não	—	—	1	1	100%
Clostridium Perfringens	0	N/100ml	—	0	0	100%	1	1	100%
Alumínio	200	µg/l Al	—	69,1	0	100%	1	1	100%
Amónio	0,50	mg/l NH <sub>4</sub>	—	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	—	<1(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	—	3,1	0	100%	1	1	100%
Benzeno	1,0	µg/l	—	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	—	<0,006(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	—	<0,10(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO <sub>3</sub>	—	<5(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	—	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	—	µg/l Ca	—	<2,0(l.q.)	—	—	1	1	100%
Cianetos	50	µg/l CN	—	<5(l.q.)	0	100%	1	1	100%
Cloretos	250	mg/l Cl	—	5,9	0	100%	1	1	100%
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	—	0,0056	0	100%	1	1	100%
Crómio	50	µg/l Cr	—	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	—	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	<5,0(l.q.)	—	—	1	1	100%
Ferro	200	µg/l Fe	—	<2,0(l.q.)	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	—	<0,4(l.q.)	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	<0,020(l.q.)	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	<0,010(l.q.)	—	—	1	1	100%
Benzo(k)fluoranteno	—	µg/l	—	<0,010(l.q.)	—	—	1	1	100%
Benzo(ghi)perileno (µg/L)	—	µg/l	—	<0,010(l.q.)	—	—	1	1	100%
Indeno(1,2,3-cd)pireno	—	µg/l	—	<0,020(l.q.)	—	—	1	1	100%
Magnésio	—	mg/l Mg	—	<2,0(l.q.)	—	—	1	1	100%
Manganês	50	mg/l Mn	—	6,39	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	—	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	—	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	—	<0,010(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	—	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilterbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	—	4,80	0	100%	1	1	100%
Sulfatos	250	mg/ SO <sub>4</sub>	—	<10(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	—	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	—	µg/l	—	<0,20(l.q.)	—	—	1	1	100%
Tricloroetano	—	µg/l	—	<0,10(l.q.)	—	—	1	1	100%
Trihalometanos - total (THM)	100	µg/l	—	<0,50(l.q.)	0	100%	1	1	100%
Clorofórmio	—	µg/l	—	<0,10(l.q.)	—	—	1	1	100%
Bromofórmio	—	µg/l	—	<0,20(l.q.)	—	—	1	1	100%
Bromodiclorometano	—	µg/l	—	<0,10(l.q.)	—	—	1	1	100%
Dibromoclorometano	—	µg/l	—	<0,10(l.q.)	—	—	1	1	100%
Dose Indicativa	0,10	mSv	—	<0,10 mSv	0	100%	1	1	100%
Radão	500	Bq/l	—	114	0	100%	1	1	100%
Alfa total	—	Bq/l	—	0,11	—	—	1	1	100%
Beta total	1	Bq/l	—	<0,10(l.q.)	0	100%	1	1	100%

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Alfa Total. Causas: Características naturais da origem da água. Falha de equipamento no processo de tratamento. Medidas Correctivas: Não foram tomadas medidas porque se concluiu que a dose indicativa é inferior a 0,10mSv.

Responsável:

Data da publicação no website: 31 de agosto de 2018

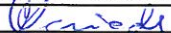
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	10	1	50%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	25	1	50%	2	2	100%
Desinfectante residual	—	mg/l	0,1	0,1	—	—	2	2	100%
Cheiro, a 25°C	3	Fator de diluição	—	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	—	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	—	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	—	79	0	100%	1	1	100%
Cor	20	mg/l PtCo	—	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	—	<0,5(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	—	—	—	—	—	—	N.A
Número de Colónias a 22°C	—	N/ml	—	não	—	—	1	1	100%
Número de Colónias a 37°C	—	N/ml	—	não	—	—	1	1	100%
Clostridium Perfringens	0	N/100ml	—	—	—	—	—	—	N.A
Alumínio	200	µg/l Al	—	—	—	—	—	—	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	—	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	—	—	—	—	—	N.A
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	—	—	—	—	—	N.A
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloretos	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	—	—	—	—	—	N.A
Cobre	2,0	µg/l Cu	—	—	—	—	—	—	N.A
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	—	—	—	—	—	N.A
Ferro	200	µg/l Fe	—	—	—	—	—	—	N.A
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(k)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(ghi)perileno (µg/L)	—	µg/l	—	—	—	—	—	—	N.A
Indeno(1,2,3-cd)pireno	—	µg/l	—	—	—	—	—	—	N.A
Magnésio	—	mg/l Mg	—	—	—	—	—	—	N.A
Manganês	50	mg/l Mn	—	<10(l.q.)	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	—	7	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	—	—	—	—	—	—	N.A
Mercurio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	—	—	—	—	—	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilterbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/ SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromodiodorometano	—	µg/l	—	—	—	—	—	—	N.A
Dibromodiodorometano	—	µg/l	—	—	—	—	—	—	N.A
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	—	—	—	—	—	N.A
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Escherichia Coli, bactérias coliformes. Causas: Falha de equipamento no processo de tratamento. Medidas Correctivas: Reparação do equipamento no processo de tratamento.

Responsável:



Data da publicitação no website: 31 de agosto de 2018





DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA

2º TRIMESTRE

ZONA DE ABASTECIMENTO: Peva

2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na tomeira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	<0,1(l.q.)	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 37°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganés	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiodorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromodiodorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

*[Assinatura]*

Data da publicação no website: 31 de agosto de 2018



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA  
ZONA DE ABASTECIMENTO: Porto da Nave

2º TRIMESTRE  
2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	0,2	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥8,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 37°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	---	---	---	---	---	N.A
Pesticidas - total	0,60	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

*[Assinatura]*

Data da publicação no website: 31 de agosto de 2018

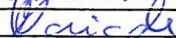
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	0,1	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 37°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/l Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetiltetrazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromochlorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radião	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:



Data da publicação no website: 31 de agosto de 2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	---	0,1	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25 °C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 37°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/l Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	N.A
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	---	---	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilerbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:



Data da publicação no website: 31 de agosto de 2018

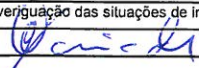
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	---	<0,1(l.q.)	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	---	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	---	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	18	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,5(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	não	---	---	1	1	100%
Número de Colónias a 37°C	---	N/ml	---	não	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzenc	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hydrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	12,7	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodiodorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromodiorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radião	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Aguas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:



Data da publicação no website: 31 de agosto de 2018

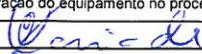
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	34	1	50%	2	2	100%
Desinfectante residual	—	mg/l	<0,1(l.q.)	0,2	—	—	2	2	100%
Cheiro, a 25°C	3	Fator de diluição	—	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	—	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	—	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	—	1,60E+02	0	100%	1	1	100%
Cor	20	mg/l PtCo	—	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	—	<0,5(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	—	—	—	—	—	—	N.A
Número de Colónias a 22°C	—	N/ml	—	não	—	—	1	1	100%
Número de Colónias a 37°C	—	N/ml	—	não	—	—	1	1	100%
Clostridium Perfringens	0	N/100ml	—	—	—	—	—	—	N.A
Alumínio	200	µg/l Al	—	—	—	—	—	—	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	—	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	—	—	—	—	—	N.A
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	—	—	—	—	—	N.A
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloretos	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	—	—	—	—	—	N.A
Cobre	2,0	µg/l Cu	—	—	—	—	—	—	N.A
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	—	—	—	—	—	N.A
Ferro	200	µg/l Fe	—	—	—	—	—	—	N.A
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(k)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(ghi)perileno (µg/L)	—	µg/l	—	—	—	—	—	—	N.A
Indeno(1,2,3-cd)pireno	—	µg/l	—	—	—	—	—	—	N.A
Magnésio	—	mg/l Mg	—	—	—	—	—	—	N.A
Manganés	50	mg/l Mn	—	<10(l.q.)	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	—	5	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	—	—	—	—	—	—	N.A
Mercurio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	—	—	—	—	—	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetiltterbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/ SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromodiclorometano	—	µg/l	—	—	—	—	—	—	N.A
Dibromoclorometano	—	µg/l	—	—	—	—	—	—	N.A
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	—	—	—	—	—	N.A
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causa: Falha de equipamento no processo de tratamento. Medidas correctivas: Reparação do equipamento no processo de tratamento.

Responsável:



Data da publicação no website: 31 de agosto de 2018

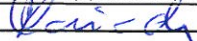
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na tomeira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	14	1	50%	2	2	100%
Desinfectante residual	—	mg/l	<0,1(l.q.)	0,1	—	—	2	2	100%
Chelro, a 25°C	3	Fator de diluição	—	—	—	—	—	—	N.A
Sabor, a 25 °C	3	Fator de diluição	—	—	—	—	—	—	N.A
pH	≥6,5 e ≤9,5	Unidades pH	—	—	—	—	—	—	N.A
Condutividade	2500	µS/cm a 20 °C	—	—	—	—	—	—	N.A
Cor	20	mg/l PtCo	—	—	—	—	—	—	N.A
Turvação	4	UNT	—	—	—	—	—	—	N.A
Enterococos	0	N/100ml	—	—	—	—	—	—	N.A
Número de Colónias a 22°C	—	N/ml	—	—	—	—	—	—	N.A
Número de Colónias a 37°C	—	N/ml	—	—	—	—	—	—	N.A
Clostridium Perfringens	0	N/100ml	—	—	—	—	—	—	N.A
Alumínio	200	µg/L Al	—	—	—	—	—	—	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	—	—	—	—	—	—	N.A
Antimónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	—	—	—	—	—	N.A
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	—	—	—	—	—	N.A
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloreto	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	—	—	—	—	—	N.A
Cobre	2,0	µg/l Cu	—	—	—	—	—	—	N.A
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	—	—	—	—	—	N.A
Ferro	200	µg/l Fe	—	—	—	—	—	—	N.A
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(k)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(ghi)perileno (µg/L)	—	µg/l	—	—	—	—	—	—	N.A
Indeno(1,2,3-cd)pireno	—	µg/l	—	—	—	—	—	—	N.A
Magnésio	—	mg/l Mg	—	—	—	—	—	—	N.A
Manganês	50	mg/l Mn	—	—	—	—	—	—	N.A
Nitratos	50	mg/l NO <sub>3</sub>	—	—	—	—	—	—	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	—	—	—	—	—	—	N.A
Mercúrio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	—	—	—	—	—	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	—	—	—	—	—	N.A
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilerbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano • Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromodichlorometano	—	µg/l	—	—	—	—	—	—	N.A
Dibromodichlorometano	—	µg/l	—	—	—	—	—	—	N.A
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	—	—	—	—	—	N.A
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causa: Falha de equipamento no processo de tratamento. Medidas correctivas: Reparação do equipamento no processo de tratamento.

Responsável:



Data da publicação no website: 31 de agosto de 2018



DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MOIMENTA DA BEIRA  
ZONA DE ABASTECIMENTO: Segões

2º TRIMESTRE  
2018

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, 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).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	0	0	100%	1	1	100%
Desinfectante residual	---	mg/l	---	<0,1(l.q.)	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
Sabor, a 25°C	3	Fator de diluição	---	---	---	---	---	---	N.A
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	N.A
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	N.A
Cor	20	mg/l PtCo	---	---	---	---	---	---	N.A
Turvação	4	UNT	---	---	---	---	---	---	N.A
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	---	---	---	---	---	N.A
Número de Colónias a 37°C	---	N/ml	---	---	---	---	---	---	N.A
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	---	---	---	---	---	N.A
Antimónio	6,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganés	50	mg/l Mn	---	---	---	---	---	---	N.A
Nitratos	50	mg/l NO <sub>3</sub>	---	---	---	---	---	---	N.A
Nitritos	0,60	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	---	---	---	---	---	N.A
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Ditirão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radião	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:

Data da publicação no website: 31 de agosto de 2018



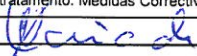
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	3	3	100%
Bactérias Coliformes	0	N/100ml	0	0	0	100%	3	3	100%
Desinfectante residual	---	mg/l	<0,1(l.q.)	0,6	---	---	3	3	100%
Cheiro, a 25°C	3	Fator de diluição	---	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	---	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	---	6,5 (22 °C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	32	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,5(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	0	0	100%	1	1	100%
Número de Colónias a 22°C	---	N/ml	---	77	---	---	1	1	100%
Número de Colónias a 37°C	---	N/ml	---	56	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	0	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	43,4	0	100%	1	1	100%
Amónio	0,50	mg/l NH <sub>4</sub>	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	<1,0(l.q.)	0	100%	1	1	100%
Arsénio	10	µg/l As	---	<1,0(l.q.)	0	100%	1	1	100%
Benzeno	1,0	µg/l	---	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/l	---	<0,006(l.q.)	0	100%	1	1	100%
Boro	1,0	mg/l B	---	<0,010(l.q.)	0	100%	1	1	100%
Bromatos	10	µg/l BrO <sub>3</sub>	---	<5,0(l.q.)	0	100%	1	1	100%
Cádmio	5,0	µg/l Cd	---	<0,40(l.q.)	0	100%	1	1	100%
Cálcio	---	µg/l Ca	---	3,2	---	---	1	1	100%
Cianetos	50	µg/l CN	---	<5(l.q.)	0	100%	1	1	100%
Cloratos	250	mg/l Cl	---	5,1	0	100%	1	1	100%
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	<1,0(l.q.)	0	100%	1	1	100%
Cobre	2,0	µg/l Cu	---	0,0094	0	100%	1	1	100%
Crómio	50	µg/l Cr	---	<1,0(l.q.)	0	100%	1	1	100%
1,2-Dicloroetano	3,0	µg/l	---	<0,750(l.q.)	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	10	---	---	1	1	100%
Ferro	200	µg/l Fe	---	11,0	0	100%	1	1	100%
Fluoretos	1,5	µg/l F	---	<0,4(l.q.)	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	<0,010(l.q.)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	---	<0,010(l.q.)	---	---	1	1	100%
Benzo(ghi)perileno (µg/L)	---	µg/l	---	<0,010(l.q.)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	---	<0,020(l.q.)	---	---	1	1	100%
Magnésio	---	mg/l Mg	---	<2,0(l.q.)	---	---	1	1	100%
Manganês	50	mg/l Mn	---	5,74	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	---	<0,04(l.q.)	0	100%	1	1	100%
Mercurio	1,0	µg/l Hg	---	<0,010(l.q.)	0	100%	1	1	100%
Níquel	20	µg/l Ni	---	<2,0(l.q.)	0	100%	1	1	100%
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurádo	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	<1,0(l.q.)	0	100%	1	1	100%
Sódio	200	mg/l Na	---	2,85	0	100%	1	1	100%
Sulfatos	250	mg/l SO <sub>4</sub>	---	<10(l.q.)	0	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	---	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Tricloroetano	---	µg/l	---	<0,10(l.q.)	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/l	---	6,44	0	100%	1	1	100%
Clorofórmio	---	µg/l	---	5,21	---	---	1	1	100%
Bromofórmio	---	µg/l	---	<0,20(l.q.)	---	---	1	1	100%
Bromodichlorometano	---	µg/l	---	1,00	---	---	1	1	100%
Dibromodichlorometano	---	µg/l	---	0,23	---	---	1	1	100%
Dose Indicativa	0,10	mSv	---	<0,10 mSv	0	100%	1	1	100%
Radão	500	Bq/l	---	102	0	100%	1	1	100%
Alfa total	---	Bq/l	---	0,11	---	---	1	1	100%
Beta total	1	Bq/l	---	<0,10(l.d.)	0	100%	1	1	100%

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Alfa Total. Causas: Características naturais da origem da água. Falha de equipamento no processo de tratamento. Medidas Correctivas: Não foram tomadas medidas porque se concluiu que a dose indicativa é inferior a 0,10mSv.

Responsável:



Data da publicitação no website: 31 de agosto de 2018

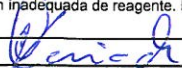
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	2	1	67%	3	3	100%
Bactérias Coliformes	0	N/100ml	0	30	2	33%	3	3	100%
Desinfetante residual	—	mg/l	0,1	0,2	—	—	3	3	100%
Cheiro, a 25°C	3	Fator de diluição	—	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	—	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	—	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	—	50	0	100%	1	1	100%
Cor	20	mg/l PtCo	—	5	0	100%	1	1	100%
Turvação	4	UNT	—	<0,5(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	—	—	—	—	—	—	N.A
Número de Colónias a 22°C	—	N/ml	—	não	—	—	1	1	100%
Número de Colónias a 37°C	—	N/ml	—	não	—	—	1	1	100%
Clostridium Perfringens	0	N/100ml	—	—	—	—	—	—	N.A
Alumínio	200	µg/l Al	—	—	—	—	—	—	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	—	<0,1(l.q.)	0	100%	1	1	100%
Antímónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	—	—	—	—	—	N.A
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	—	—	—	—	—	N.A
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloretos	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	—	—	—	—	—	N.A
Cobre	2,0	µg/l Cu	—	—	—	—	—	—	N.A
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	—	—	—	—	—	N.A
Ferro	200	µg/l Fe	—	—	—	—	—	—	N.A
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(k)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(ghi)perileno (µg/L)	—	µg/l	—	—	—	—	—	—	N.A
Indeno(1,2,3-cd)pireno	—	µg/l	—	—	—	—	—	—	N.A
Magnésio	—	mg/l Mg	—	—	—	—	—	—	N.A
Manganês	50	mg/l Mn	—	<10(l.q.)	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	—	6	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	—	—	—	—	—	—	N.A
Mercúrio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	—	—	—	—	—	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilterbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromodiorometano	—	µg/l	—	—	—	—	—	—	N.A
Dibromodiorometano	—	µg/l	—	—	—	—	—	—	N.A
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	—	—	—	—	—	N.A
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Escherichia Coli, bactérias coliformes. Causas: Falha de equipamento no processo de tratamento. Dosagem inadequada de reagente. Medidas Correctivas: Reparação do equipamento no processo de tratamento. Correção da dosagem de reagente no tratamento.

Responsável:



Data da publicação no website: 31 de agosto de 2018

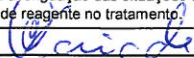
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	---	0	0	100%	1	1	100%
Bactérias Coliformes	0	N/100ml	---	33	1	0%	1	1	100%
Desinfetante residual	---	mg/l	---	<0,1(l.q.)	---	---	1	1	100%
Cheiro, a 25°C	3	Fator de diluição	---	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	---	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	---	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	---	20	0	100%	1	1	100%
Cor	20	mg/l PtCo	---	<5(l.q.)	0	100%	1	1	100%
Turvação	4	UNT	---	<0,5(l.q.)	0	100%	1	1	100%
Enterococos	0	N/100ml	---	---	---	---	---	---	N.A
Número de Colónias a 22°C	---	N/ml	---	299	---	---	1	1	100%
Número de Colónias a 37°C	---	N/ml	---	276	---	---	1	1	100%
Clostridium Perfringens	0	N/100ml	---	---	---	---	---	---	N.A
Alumínio	200	µg/L Al	---	---	---	---	---	---	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	---	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	N.A
Arsénio	10	µg/l As	---	---	---	---	---	---	N.A
Benzeno	1,0	µg/l	---	---	---	---	---	---	N.A
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	N.A
Boro	1,0	mg/l B	---	---	---	---	---	---	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	---	---	---	---	---	---	N.A
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	N.A
Cálcio	---	µg/l Ca	---	---	---	---	---	---	N.A
Cianetos	50	µg/l CN	---	---	---	---	---	---	N.A
Cloretos	250	mg/l Cl	---	---	---	---	---	---	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	---	---	---	---	---	---	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	---	---	---	---	---	---	N.A
Chumbo	10	µg/l Pb	---	---	---	---	---	---	N.A
Cobre	2,0	µg/l Cu	---	---	---	---	---	---	N.A
Crómio	50	µg/l Cr	---	---	---	---	---	---	N.A
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	N.A
Dureza Total	---	mg/l CaCO <sub>3</sub>	---	---	---	---	---	---	N.A
Ferro	200	µg/l Fe	---	---	---	---	---	---	N.A
Fluoretos	1,5	µg/l F	---	---	---	---	---	---	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0,10	µg/l	---	---	---	---	---	---	N.A
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	N.A
Benzo(ghi)perileno (µg/L)	---	µg/l	---	---	---	---	---	---	N.A
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	N.A
Magnésio	---	mg/l Mg	---	---	---	---	---	---	N.A
Manganês	50	mg/l Mn	---	10,3	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	---	<4(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	---	---	---	---	---	---	N.A
Mercurio	1,0	µg/l Hg	---	---	---	---	---	---	N.A
Níquel	20	µg/l Ni	---	---	---	---	---	---	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	---	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	---	---	---	---	---	---	N.A
Desetilbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Diurão	0,10	µg/l	---	---	---	---	---	---	N.A
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	N.A
Selénio	10	µg/l Se	---	---	---	---	---	---	N.A
Sódio	200	mg/l Na	---	---	---	---	---	---	N.A
Sulfatos	250	mg/ SO <sub>4</sub>	---	---	---	---	---	---	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	N.A
Tetracloroetano	---	µg/l	---	---	---	---	---	---	N.A
Tricloroetano	---	µg/l	---	---	---	---	---	---	N.A
Trihalometanos - total (THM):	100	µg/l	---	---	---	---	---	---	N.A
Clorofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromofórmio	---	µg/l	---	---	---	---	---	---	N.A
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	N.A
Dibromochlorometano	---	µg/l	---	---	---	---	---	---	N.A
Dose Indicativa	0,10	mSv	---	---	---	---	---	---	N.A
Radão	500	Bq/l	---	---	---	---	---	---	N.A
Alfa total	---	Bq/l	---	---	---	---	---	---	N.A
Beta total	1	Bq/l	---	---	---	---	---	---	N.A

Nota 1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Bactérias Coliformes. Causas: Dosagem inadequada de reagente. Medidas Correctivas: Correção da dosagem de reagente no tratamento.

Responsável:



Data da publicação no website: 31 de agosto de 2018


Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na tomeira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P.	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	0	0	100%	2	2	100%
Desinfectante residual	—	mg/l	0,2	0,9	—	—	2	2	100%
Cheiro, a 25°C	3	Fator de diluição	—	—	—	—	—	—	N.A
Sabor, a 25 °C	3	Fator de diluição	—	—	—	—	—	—	N.A
pH	≥6,5 e ≤9,5	Unidades pH	—	—	—	—	—	—	N.A
Condutividade	2500	µS/cm a 20 °C	—	—	—	—	—	—	N.A
Cor	20	mg/l PtCo	—	—	—	—	—	—	N.A
Turvação	4	UNT	—	—	—	—	—	—	N.A
Enterococos	0	N/100ml	—	—	—	—	—	—	N.A
Número de Colónias a 22°C	—	N/ml	—	—	—	—	—	—	N.A
Número de Colónias a 37°C	—	N/ml	—	—	—	—	—	—	N.A
Clostridium Perfringens	0	N/100ml	—	—	—	—	—	—	N.A
Alumínio	200	µg/l Al	—	—	—	—	—	—	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	—	—	—	—	—	—	N.A
Antimónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	—	—	—	—	—	N.A
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>3</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	—	—	—	—	—	N.A
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloretos	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	—	—	—	—	—	N.A
Cobre	2,0	µg/l Cu	—	—	—	—	—	—	N.A
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	—	—	—	—	—	N.A
Ferro	200	µg/l Fe	—	—	—	—	—	—	N.A
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(k)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(ghi)perileno (µg/L)	—	µg/l	—	—	—	—	—	—	N.A
Indeno(1,2,3-cd)pireno	—	µg/l	—	—	—	—	—	—	N.A
Magnésio	—	mg/l Mg	—	—	—	—	—	—	N.A
Manganês	50	mg/l Mn	—	—	—	—	—	—	N.A
Nitratos	50	mg/l NO <sub>3</sub>	—	—	—	—	—	—	N.A
Nitritos	0,50	mg/l NO <sub>2</sub>	—	—	—	—	—	—	N.A
Mercúrio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	—	—	—	—	—	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	—	—	—	—	—	N.A
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilterbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/l SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromodichlorometano	—	µg/l	—	—	—	—	—	—	N.A
Dibromochlorometano	—	µg/l	—	—	—	—	—	—	N.A
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	—	—	—	—	—	N.A
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:



Data da publicação no website: 31 de agosto de 2018

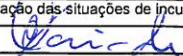
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto-Lei n.º 152/2007, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

Parâmetro (unidades)	Valor Paramétrico (VP)		Valores Obtidos		N.º Análises Superiores ao V.P	% Cumprimento do VP	N. Análises		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia Coli (E. Coli)	0	N/100ml	0	0	0	100%	2	2	100%
Bactérias Coliformes	0	N/100ml	0	0	0	100%	2	2	100%
Desinfetante residual	—	mg/l	<0,1(l.q.)	2,0	—	—	2	2	100%
Cheiro, a 25°C	3	Fator de diluição	—	<1	0	100%	1	1	100%
Sabor, a 25 °C	3	Fator de diluição	—	<1	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	Unidades pH	—	6,5 (22°C)	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20 °C	—	47	0	100%	1	1	100%
Cor	20	mg/l PtCo	—	6	0	100%	1	1	100%
Turvação	4	UNT	—	2	0	100%	1	1	100%
Enterococos	0	N/100ml	—	—	—	—	—	—	N.A
Número de Colónias a 22°C	—	N/ml	—	não	—	—	1	1	100%
Número de Colónias a 37°C	—	N/ml	—	não	—	—	1	1	100%
Clostridium Perfringens	0	N/100ml	—	—	—	—	—	—	N.A
Alumínio	200	µg/L Al	—	—	—	—	—	—	N.A
Amónio	0,50	mg/l NH <sub>4</sub>	—	<0,1(l.q.)	0	100%	1	1	100%
Antimónio	5,0	µg/l Sb	—	—	—	—	—	—	N.A
Arsénio	10	µg/l As	—	—	—	—	—	—	N.A
Benzeno	1,0	µg/l	—	—	—	—	—	—	N.A
Benzo(a)pireno	0,010	µg/l	—	—	—	—	—	—	N.A
Boro	1,0	mg/l B	—	—	—	—	—	—	N.A
Bromatos	10	µg/l BrO <sub>2</sub>	—	—	—	—	—	—	N.A
Cádmio	5,0	µg/l Cd	—	—	—	—	—	—	N.A
Cálcio	—	µg/l Ca	—	—	—	—	—	—	N.A
Cianetos	50	µg/l CN	—	—	—	—	—	—	N.A
Cloretos	250	mg/l Cl	—	—	—	—	—	—	N.A
Cloritos	0,7	mg/l ClO <sub>2</sub>	—	—	—	—	—	—	N.A
Cloratos	0,7	mg/l ClO <sub>3</sub>	—	—	—	—	—	—	N.A
Chumbo	10	µg/l Pb	—	—	—	—	—	—	N.A
Cobre	2,0	µg/l Cu	—	—	—	—	—	—	N.A
Crómio	50	µg/l Cr	—	—	—	—	—	—	N.A
1,2-Dicloroetano	3,0	µg/l	—	—	—	—	—	—	N.A
Dureza Total	—	mg/l CaCO <sub>3</sub>	—	—	—	—	—	—	N.A
Ferro	200	µg/l Fe	—	—	—	—	—	—	N.A
Fluoretos	1,5	µg/l F	—	—	—	—	—	—	N.A
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	—	—	—	—	—	—	N.A
Benzo(b)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(k)fluoranteno	—	µg/l	—	—	—	—	—	—	N.A
Benzo(ghi)perileno (µg/L)	—	µg/l	—	—	—	—	—	—	N.A
Indeno(1,2,3-cd)pireno	—	µg/l	—	—	—	—	—	—	N.A
Magnésio	—	mg/l Mg	—	—	—	—	—	—	N.A
Manganés	50	mg/l Mn	—	1,28	0	100%	1	1	100%
Nitratos	50	mg/l NO <sub>3</sub>	—	<1,9(l.q.)	0	100%	1	1	100%
Nitritos	0,50	mg/l NO <sub>2</sub>	—	—	—	—	—	—	N.A
Mercurio	1,0	µg/l Hg	—	—	—	—	—	—	N.A
Níquel	20	µg/l Ni	—	—	—	—	—	—	N.A
Oxidabilidade	5,0	µg/l O <sub>2</sub>	—	<1,9(l.q.)	0	100%	1	1	100%
Pesticidas - total	0,50	µg/l	—	—	—	—	—	—	N.A
Desetilterbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Diurão	0,10	µg/l	—	—	—	—	—	—	N.A
Terbutilazina	0,10	µg/l	—	—	—	—	—	—	N.A
Selénio	10	µg/l Se	—	—	—	—	—	—	N.A
Sódio	200	mg/l Na	—	—	—	—	—	—	N.A
Sulfatos	250	mg/ SO <sub>4</sub>	—	—	—	—	—	—	N.A
Tetracloroetano e Tricloroetano:	10	µg/l	—	—	—	—	—	—	N.A
Tetracloroetano	—	µg/l	—	—	—	—	—	—	N.A
Tricloroetano	—	µg/l	—	—	—	—	—	—	N.A
Trihalometanos - total (THM):	100	µg/l	—	—	—	—	—	—	N.A
Clorofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromofórmio	—	µg/l	—	—	—	—	—	—	N.A
Bromodiorometano	—	µg/l	—	—	—	—	—	—	N.A
Dibromoclorometano	—	µg/l	—	—	—	—	—	—	N.A
Dose Indicativa	0,10	mSv	—	—	—	—	—	—	N.A
Radão	500	Bq/l	—	—	—	—	—	—	N.A
Alfa total	—	Bq/l	—	—	—	—	—	—	N.A
Beta total	1	Bq/l	—	—	—	—	—	—	N.A

Nota1: Parâmetro analisado pela entidade gestora em alta - Águas do Norte

Informação complementar relativa à averiguação das situações de incumprimento do VP (causas e medidas correctivas): Não aplicável.

Responsável:



Data da publicação no website: 31 de agosto de 2018