Controlo da Qualidade da Água para Consumo Humano do Sistema de Abastecimento Público

3º Trimestre
01 de Julho a 30 de Setembro

Zona de Abastecimento de Água: **Casas Novas**

Ano 2020

Parâmetro	Valor Paramétrico		Valores Obtidos		Nº de Análises Superiores ao VP	% de Cumprimento do VP	Nº de Análises PCQA 2020		% 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 Resídual	---	mg/l	0,44	1,60	---	---	2	2	100%
Cheiro a 25ºC	3,0	Fator de diluição	<1(LQ)	<1(LQ)	0	100%	1	1	100%
Sabor a 25ºC	3,0	Fator de diluição	<1(LQ)	<1(LQ)	0	100%	1	1	100%
pH	≥6,5 e ≤9,5	E. de Sorensen	7,8	7,8	0	100%	1	1	100%
Condutividade	2500	µS/cm a 20ºC	791	791	0	100%	1	1	100%
Cor	20,0	mg/l PtCo	<6(LQ)	<6(LQ)	0	100%	1	1	100%
Turvação	4,0	UNT	<0,8(LQ)	<0,8(LQ)	0	100%	1	1	100%
Enterococos fecais	0	N/100ml	0	0	0	100%	1	1	100%
Número de Colónias a 22ºC	---	N/ml a 22ºC	ND	ND	---	---	1	1	100%
Número de Colónias a 36ºC	---	N/ml a 36ºC	ND	ND	---	---	1	1	100%
Alumínio	200,0	µg/l Al	<5(LQ)	<5(LQ)	0	100%	1	1	100%
Cálcio	---	mg/l Ca	60	60	---	---	1	1	100%
Clostridium perfringens	0	N/100ml	0	0	0	100%	1	1	100%
Dureza Total	---	mg/l CaCO3	302	302	---	---	1	1	100%
Dose Indicativa (1)	0,1	mSv	---	---	---	---	---	---	---
Alfa-total (1)	0,1	Bq/l	0,04	0,04	0	100%	1	1	100%
Beta- Total (1)	1,0	Bq/l	---	---	---	---	---	---	---
Polónio 210	---	Bq/l	---	---	---	---	---	---	---
Rádio 226	---	Bq/l	---	---	---	---	---	---	---
Urânio 234	---	Bq/l	---	---	---	---	---	---	---
Urânio 238	---	Bq/l	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	<40(LQ)	<40(LQ)	0	100%	1	1	100%
Magnésio	---	mg/l Mg	33	33	---	---	1	1	100%
Manganês	50	µg/l Mn	<10(LQ)	<10(LQ)	0	100%	1	1	100%
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	<0,10(LQ)	<0,10(LQ)	0	100%	1	1	100%
Antimónio (1)	5,0	µg/l Sb	<3,0(LQ)	<3,0(LQ)	0	100%	1	1	100%
Arsénio (1)	10	µg/l As	<3,0(LQ)	<3,0(LQ)	0	100%	1	1	100%
Benzeno (1)	1,0	µg/l	<0,20(LQ)	<0,20(LQ)	0	100%	1	1	100%
Benzeno(a)pireno	0,010	µg/l	<0,003(LQ)	<0,003(LQ)	0	100%	1	1	100%
Boro (1)	1,0	mg/l B	0,0517	0,0517	0	100%	1	1	100%
Bromatos (1)	10	µg/l BrO3	<3,0(LQ)	<3,0(LQ)	0	100%	1	1	100%
Cádmio (1)	5,0	µg/l Cd	<1,5(LQ)	<1,5(LQ)	0	100%	1	1	100%
Carbono Orgânico Total (COT)	---	mg/l C	---	---	---	---	---	---	---
Cianetos (1)	50,0	µg/l CN	<5(LQ)	<5(LQ)	0	100%	1	1	100%
Cloretos (1)	250,0	mg/l Cl	13	13	0	100%	1	1	100%
Cloritos	0,70	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,70	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10,0	µg/l Pb	7,6	7,6	0	100%	1	1	100%
Cobre	2,00	mg/l Cu	<0,1(LQ)	<0,1(LQ)	0	100%	1	1	100%
Crómio	50,0	µg/l Cr	<6,0(LQ)	<6,0(LQ)	0	100%	1	1	100%
1,2 - dicloroetano (1)	3,0	µg/l	<0,750(LQ)	<0,750(LQ)	0	100%	1	1	100%
Fluoretos (1)	1,5	mg/l F	<0,35(LQ)	<0,35(LQ)	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,1	µg/l	<0,0200(LQ)	<0,0200(LQ)	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/l	<0,0200(LQ)	<0,0200(LQ)	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,0200(LQ)	<0,0200(LQ)	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,0200(LQ)	<0,0200(LQ)	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,0200(LQ)	<0,0200(LQ)	---	---	1	1	100%
Nitratos (1)	50,0	mg/l NO3	4,8	4,8	0	100%	1	1	100%
Nitritos	0,50	mg/l NO2	<0,04(LQ)	<0,04(LQ)	0	100%	1	1	100%
Mercúrio (1)	1,0	µg/l Hg	<0,3(LQ)	<0,3(LQ)	0	100%	1	1	100%
Níquel	20	µg/l Ni	17	17	0	100%	1	1	100%
Pesticidas - totais (1)	0,5	µg/l	---	---	---	---	---	---	---
Alacloro	0,10	µg/l	---	---	---	---	---	---	---
Bentazona	0,10	µg/l	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/l	---	---	---	---	---	---	---
Desetilterbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Dimetoato	0,10	µg/l	---	---	---	---	---	---	---
Diurão	0,10	µg/l	---	---	---	---	---	---	---
MCPA	0,10	µg/l	---	---	---	---	---	---	---
S-Metolacloro	0,10	µg/l	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/l	---	---	---	---	---	---	---
Ometoato	0,10	µg/l	---	---	---	---	---	---	---
Imidacloripe	0,10	µg/l	---	---	---	---	---	---	---
Oxadiazão	0,10	µg/l	---	---	---	---	---	---	---
Selénio (1)	10,0	µg/l Se	<1,0(LQ)	<1,0(LQ)	0	100%	1	1	100%
Sódio (1)	200,0	mg/l Na	5,9	5,9	0	100%	1	1	100%
Sulfatos (1)	250,0	mg/l SO4	236	236	0	100%	1	1	100%
Tetracloroeteno e Tricloroeteno (1)	10,0	µg/l	<0,30(LQ)	<0,30(LQ)	0	100%	1	1	100%
Tetracloroetano	---	µg/l	<0,20(LQ)	<0,20(LQ)	---	---	1	1	100%
Tricloroetano	---	µg/l	<0,10(LQ)	<0,10(LQ)	---	---	1	1	100%
Trihalometanos - Totais (THM):	100	µg/l	4,07	4,07	0	100%	1	1	100%
Clorofórmio	---	µg/l	0,13	0,13	---	---	1	1	100%
Bromofórmio	---	µg/l	1,66	1,66	---	---	1	1	100%
Bromodiclorometano	---	µg/l	0,44	0,44	---	---	1	1	100%
Dibromoclorometano	---	µg/l	1,84	1,84	---	---	1	1	100%

Informação complementar

Em conformidade com o Decreto-Lei nº306/2007, de 27 de Agosto, alterado pelo Decreto-Lei nº 152/2017, de 7 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR)

Informação complementar relativa à averiguação de incumprimentos dos Valores Paramétricos (VP):

Não foi detectada nenhuma situação de incumprimento ao Valor Paramétrico na Zona de Abastecimento de Casas Novas

Laboratório responsável pelas colheitas e ensaios:

Luságua

Legenda:

VP - Valor Paramétrico constante do anexo I do DL 152/2017, de 7 de dezembro
ND - Não Detectado
LQ - Limite de Quantificação
NA - Não Aplicável
(1) Parâmetros Conservativos
(2) Parâmetros analisados pela EG em Alta

Diretor-Geral:

Décio Matias

Data de publicação no website:

21 de dezembro de 2020