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	ZONA DE ABASTECIMENTO: CARVALHEIRAS						2022		
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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% 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 Cl2/L	0,23	0,77	---	---	2	2	100%
Cheiro a 25°C	3	Fator de diluição	---	---	---	---	---	---	---
Sabor a 25°C	3	Fator de diluição	---	---	---	---	---	---	---
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	---
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	---
Cor	20	mg/l PtCo	---	---	---	---	---	---	---
Turvação	4	UNT	---	---	---	---	---	---	---
Enterococos	0	N/100 ml	---	---	---	---	---	---	---
Número de colónias a 22 °C	s/ alteração anormal	N/ml	---	---	---	---	---	---	---
Número de colónias a 37 °C	s/ alteração anormal	N/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Carbono Orgânico Total	---	mg/l C	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza Total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi) perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas Totais	0,50	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100_80 (ponto de entrega)	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose Indicativa Total	0,10	mSv	---	---	---	---	---	---	---
Alfa total	0,10 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
B-total	1,0 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
NOTA 1: Parâmetros conservativos abastecidos em alta são analisadas pelas Águas do Centro Litoral NOTA 2: L.Q. - Limite de Quantificação N.D. - Não Detectado									
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º 306/2007 alterado pelo D.L. n.º 152/2017.									
Responsável: Eng.ª Ana Filipa Luís da Silva					Data da publicação no <i>website</i> : abril de 2023				

<div><div></div><div><div>Câmara Municipal da Mealhada</div><div>3054-001 Mealhada</div><div>Tel: 231 200 980</div></div><div><div>C/M-MEALHADA.PT</div><div>SUA NOVA NOVA</div><div></div></div></div>	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MEALHADA						4.º TRIMESTRE		
	ZONA DE ABASTECIMENTO: LUSO						2022		
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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% 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%
Desinfetante residual	---	mg Cl2/L	<0,05	0,42	---	---	3	3	100%
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100	1	1	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100	1	1	100%
pH	≥6,5 e ≤9,5	E. Sorensen	5,6	5,6	1	0	1	1	100%
Condutividade	2500	µS/cm a 20 °C	59,6	59,6	0	100	1	1	100%
Cor	20	mg PtCo/L	<5,0	<5,0	0	100	1	1	100%
Turvação	4	UNT	<0,20	<0,20	0	100	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100	1	1	100%
Número de colónias a 22 °C	s/ alteração anormal	N/ml a 22°C	N.D.	N.D.	0	100	1	1	100%
Número de colónias a 37 °C	s/ alteração anormal	N/ml a 37°C	N.D.	N.D.	0	100	1	1	100%
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Carbono Orgânico Total	---	mg/l C	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza Total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi) perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas Totais	0,50	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100_80 (ponto de entrega)	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose Indicativa Total	0,10	mSv	---	---	---	---	---	---	---
Alfa total	0,10 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
B-total	1,0 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
NOTA 1: Parâmetros conservativos abastecidos em alta são analisadas pelas Águas do Centro Litoral NOTA 2: L.Q. - Limite de Quantificação N.D. - Não Detectado									
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º 306/2007 alterado pelo D.L. n.º 152/2017.									
Responsável: Eng.ª Ana Filipa Luís da Silva					Data da publicação no website : abril de 2023				

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	ZONA DE ABASTECIMENTO: PAMPILHOSA, BARCOUÇO, MEALHADA E VIMIEIRA						2022		
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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. coli)	0	N/100ml	0	0	0	100	13	13	100%
Bactérias coliformes	0	N/100ml	0	0	0	100	13	13	100%
Desinfetante residual	---	mg Cl2/L	0,06	0,69	---	---	13	13	100%
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100	6	6	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100	6	6	100%
pH	≥6,5 e ≤9,5	E. Sorensen	6,7	7,6	0	100	6	6	100%
Condutividade	2500	µS/cm a 20 °C	99,4	132	0	100	6	6	100%
Cor	20	mg PtCo/L	<5,0	<5,0	0	100	6	6	100%
Turvação	4	UNT	<0,20	<0,20	0	100	6	6	100%
Enterococos	0	N/100 ml	0	0	0	100	6	6	100%
Número de colónias a 22 °C	s/ alteração anormal	N/ml a 22°C	N.D.	N.D.	0	100	6	6	100%
Número de colónias a 37 °C	s/ alteração anormal	N/ml a 37°C	N.D.	N.D.	0	100	6	6	100%
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH ₄	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO ₃	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Carbono Orgânico Total	---	mg/l C	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO ₂	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO ₃	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza Total	---	mg/l CaCO ₃	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi) perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg Mn/L	<10	<10	0	100	6	6	100%
Nitratos	50	mg/l NO ₃	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO ₂	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O ₂	---	---	---	---	---	---	---
Pesticidas Totais	0,50	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO ₄	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100_80 (ponto de entrega)	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose Indicativa Total	0,10	mSv	---	---	---	---	---	---	---
Alfa total	0,10 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
B-total	1,0 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
NOTA 1: Parâmetros conservativos abastecidos em alta são analisadas pelas Águas do Centro Litoral NOTA 2: L.Q. - Limite de Quantificação N.D. - Não Detectado									
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º 306/2007 alterado pelo D.L. n.º 152/2017.									
Responsável: Eng.ª Ana Filipa Luís da Silva					Data da publicação no <i>website</i> : abril de 2023				

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	ZONA DE ABASTECIMENTO: PEGO						2022		
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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
	VP	Unidade	Mínimo	Máximo			Previstas	Realizadas	
Escherichia coli (E. coli)	0	N/100ml	0	0	0	100	1	1	100%
Bactérias coliformes	0	N/100ml	0	0	0	100	1	1	100%
Desinfetante residual	---	mg Cl2/L	0,20	0,20	---	---	1	1	100%
Cheiro a 25°C	3	Fator de diluição	---	---	---	---	---	---	---
Sabor a 25°C	3	Fator de diluição	---	---	---	---	---	---	---
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	---	---	---
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	---	---	---
Cor	20	mg/l PtCo	---	---	---	---	---	---	---
Turvação	4	UNT	---	---	---	---	---	---	---
Enterococos	0	N/100 ml	---	---	---	---	---	---	---
Número de colónias a 22 °C	s/ alteração anormal	N/ml	---	---	---	---	---	---	---
Número de colónias a 37 °C	s/ alteração anormal	N/ml	---	---	---	---	---	---	---
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Carbono Orgânico Total	---	mg/l C	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza Total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi) perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg/l Mn	---	---	---	---	---	---	---
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas Totais	0,50	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100_80 (ponto de entrega)	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose Indicativa Total	0,10	mSv	---	---	---	---	---	---	---
Alfa total	0,10 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
B-total	1,0 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
NOTA 1: Parâmetros conservativos abastecidos em alta são analisadas pelas Águas do Centro Litoral NOTA 2: L.Q. - Limite de Quantificação N.D. - Não Detectado									
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º 306/2007 alterado pelo D.L. n.º 152/2017.									
Responsável: Eng.ª Ana Filipa Luís da Silva					Data da publicação no website : abril de 2023				

<div><div></div><div><div>Câmara Municipal da Mealhada</div><div>3054-001 Mealhada</div><div>Tel: 231 200 980</div></div><div><div>C/M-MEALHADA.PT</div><div>SUA NOVA NOVA</div><div></div></div></div>	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE MEALHADA						4.º TRIMESTRE		
	ZONA DE ABASTECIMENTO: SANTO AMARO						2022		
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 VP	% Cumprimento do VP	N.º Análises (PCQA)		% 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%
Desinfetante residual	---	mg Cl2/L	<0,05	0,58	---	---	3	3	100%
Cheiro a 25°C	3	Fator de diluição	<1	<1	0	100	1	1	100%
Sabor a 25°C	3	Fator de diluição	<1	<1	0	100	1	1	100%
pH	≥6,5 e ≤9,5	E. Sorensen	6,2	6,2	1	0	1	1	100%
Condutividade	2500	µS/cm a 20 °C	136	136	0	100	1	1	100%
Cor	20	mg PtCo/L	<5,0	<5,0	0	100	1	1	100%
Turvação	4	UNT	<0,20	<0,20	0	100	1	1	100%
Enterococos	0	N/100 ml	0	0	0	100	1	1	100%
Número de colónias a 22 °C	s/ alteração anormal	N/ml a 22°C	71	71	0	100	1	1	100%
Número de colónias a 37 °C	s/ alteração anormal	N/ml a 37°C	21	21	0	100	1	1	100%
Clostridium perfringens	0	N/100 ml	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/l NH4	---	---	---	---	---	---	---
Antimónio	5,0	µg/l Sb	---	---	---	---	---	---	---
Arsénio	10	µg/l As	---	---	---	---	---	---	---
Benzeno	1,0	µg/l	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/l	---	---	---	---	---	---	---
Boro	1,0	mg/l B	---	---	---	---	---	---	---
Bromatos	10	µg/l BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/l Cd	---	---	---	---	---	---	---
Cálcio	---	mg/l Ca	---	---	---	---	---	---	---
Carbono Orgânico Total	---	mg/l C	---	---	---	---	---	---	---
Cianetos	50	µg/l CN	---	---	---	---	---	---	---
Cloretos	250	mg/l Cl	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO3	---	---	---	---	---	---	---
Chumbo	10	µg/l Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/l Cu	---	---	---	---	---	---	---
Crómio	50	µg/l Cr	---	---	---	---	---	---	---
1,2-Dicloroetano	3,0	µg/l	---	---	---	---	---	---	---
Dureza Total	---	mg/l CaCO3	---	---	---	---	---	---	---
Ferro	200	µg/l Fe	---	---	---	---	---	---	---
Fluoretos	1,5	mg/l F	---	---	---	---	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/l	---	---	---	---	---	---	---
Benzo(b)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(k)fluoranteno	---	µg/l	---	---	---	---	---	---	---
Benzo(ghi) perileno	---	µg/l	---	---	---	---	---	---	---
Indeno(1,2,3-cd)pireno	---	µg/l	---	---	---	---	---	---	---
Magnésio	---	mg/l Mg	---	---	---	---	---	---	---
Manganês	50	µg Mn/L	<10	<10	0	100	1	1	100%
Nitratos	50	mg/l NO3	---	---	---	---	---	---	---
Nitritos	0,50	mg/l NO2	---	---	---	---	---	---	---
Mercúrio	1,0	µg/l Hg	---	---	---	---	---	---	---
Níquel	20	µg/l Ni	---	---	---	---	---	---	---
Oxidabilidade	5,0	mg/l O2	---	---	---	---	---	---	---
Pesticidas Totais	0,50	µg/l	---	---	---	---	---	---	---
Selénio	10	µg/l Se	---	---	---	---	---	---	---
Sódio	200	mg/l Na	---	---	---	---	---	---	---
Sulfatos	250	mg/l SO4	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/l	---	---	---	---	---	---	---
Tetracloroetano	---	µg/l	---	---	---	---	---	---	---
Tricloroetano	---	µg/l	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100_80 (ponto de entrega)	µg/l	---	---	---	---	---	---	---
Clorofórmio	---	µg/l	---	---	---	---	---	---	---
Bromofórmio	---	µg/l	---	---	---	---	---	---	---
Bromodichlorometano	---	µg/l	---	---	---	---	---	---	---
Dibromoclorometano	---	µg/l	---	---	---	---	---	---	---
Dose Indicativa Total	0,10	mSv	---	---	---	---	---	---	---
Alfa total	0,10 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
B-total	1,0 (Nível de verificação)	Bq/l	---	---	---	---	---	---	---
Radão	500	Bq/l	---	---	---	---	---	---	---
NOTA 1: Parâmetros conservativos abastecidos em alta são analisadas pelas Águas do Centro Litoral NOTA 2: L.Q. - Limite de Quantificação N.D. - Não Detectado									
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas): Os resultados analíticos apresentados estão em conformidade com as normas de qualidade estabelecidas no D.L. n.º 306/2007 alterado pelo D.L. n.º 152/2017.									
Responsável: Eng.ª Ana Filipa Luís da Silva					Data da publicação no <i>website</i> : abril de 2023				

RELATÓRIO DE QUALIDADE DA ÁGUA

Ponto de Entrega: Mealhada - 4º Trimestre 2022

Parâmetros		Unidades	Análises		Valores		Valor Paramétrico (VP)	Cumprimento de VP (%)
			Previstas	Realizadas (%)	Mínimo	Máximo		
Controlo de Rotina 1								
	Desinfectante residual	mg/L Cl ₂	4	100	0,12	0,54	-	-
	Bactérias coliformes	N/100 mL	4	100	0	0	0	100
	Escherichia Coli	N/100 mL	4	100	0	0	0	100
Controlo de Rotina 2								
	Cheiro, a 25°C	Fator de diluição	2	100	< 1	< 1	3	100
	Condutividade	µS/cm a 20°C	2	100	96	97	2500	100
	Cor	mg/L Pt-Co	2	100	< 2,0	< 2,0	20	100
	Enterococos	N/100 mL	2	100	0	0	0	100
	Manganês	ug/L Mn	2	100	< 10	< 10	50	100
	Número de colónias a 22°C	N/mL	2	100	0	1	s.a.a	100
	Número de colónias a 36°C	N/mL	2	100	0	0	s.a.a	100
	pH	Esc. Sorensen	2	100	7,0	7,0	≥ 6,5 e ≤ 9,5	100
	Sabor, a 25°C	TFN	2	100	< 1	< 1	3	100
	Turvação	NTU	2	100	< 0,50	< 0,50	4	100
Controlo de Inspeção								
(c)	1,2-Dicloroetano	µg/L	0	-	-	-	3,0	-
	Alumínio	µg/L Al	0	-	-	-	200	-
(c)	Antimónio	µg/L Sb	0	-	-	-	5,0	-
(c)	Arsénio	µg/L As	0	-	-	-	10	-
	Azoto Amoniacal	mg/L NH ₄	0	-	-	-	0,5	-
(c)	Benzeno	µg/L	0	-	-	-	1,0	-
(c)	Boro	mg/L B	0	-	-	-	1,0	-
(c)	Bromatos	µg/L BrO ₃	0	-	-	-	10	-
(c)	Cádmio	µg/L Cd	0	-	-	-	5,0	-
	Cálcio	mg/L Ca	0	-	-	-	-	-
	Chumbo	ug/L Pb	0	-	-	-	10	-
(c)	Cianetos	µg/L Cn	0	-	-	-	50	-
(c)	Cloretos	mg/L Cl	0	-	-	-	250	-
	Clostridium Perfringens	N/100 mL	0	-	-	-	0	-
	Cobre	mg/L Cu	0	-	-	-	2,0	-
	Crómio	µg/L Cr	0	-	-	-	50	-
	Dureza Total	mg/L Ca CO3	0	-	-	-	-	-
	Ferro	ug/L Fe	0	-	-	-	200	-
(c)	Fluoretos	mg/L F	0	-	-	-	1,5	-
	Hidrocarbonetos Aromáticos Policíclicos	ug/L	0	-	-	-	0,1	-
	Benzo(a)pireno	ug/L	0	-	-	-	0,010	-
	Benzo(b)fluoranteno	ug/L	0	-	-	-	0,10	-
	Benzo(ghi)perileno	ug/L	0	-	-	-	0,10	-
	Benzo(k)fluoranteno	ug/L	0	-	-	-	0,10	-
	Indeno(123cd)pireno	ug/L	0	-	-	-	0,10	-
	Magnésio	mg/L Mg	0	-	-	-	-	-
(c)	Mercurio	µg/L Hg	0	-	-	-	1,0	-
	Níquel	ug/L Ni	0	-	-	-	20	-
(c)	Nitratos	mg/L NO ₃	0	-	-	-	50	-
	Nitritos	mg/L NO ₂	0	-	-	-	0,50	-
	Oxidabilidade	mg/L O2	0	-	-	-	5,0	-
(c)	Pesticidas Total	ug/L	1	100	< 0,014	< 0,014	0,5	100
(c)	2,4-D	µg/L	0	-	-	-	0,10	-
(c)	Bentazona	ug/L	1	100	< 0,014	< 0,014	0,10	100
(c)	Clorpirifos	ug/L	0	-	-	-	0,10	-
(c)	Desetilterbutilazina	ug/L	0	-	-	-	0,10	-
(c)	Dimetoato	ug/L	0	-	-	-	0,10	-
(c)	Diurão	ug/L	0	-	-	-	0,10	-
(c)	Imidaclopride	ug/L	0	-	-	-	0,10	-
(c)	MCPA	ug/L	0	-	-	-	0,10	-
(c)	Metolaclo	ug/L	0	-	-	-	0,10	-
(c)	Ometoato	ug/L	0	-	-	-	0,10	-
(c)	Oxadiazão	ug/L	0	-	-	-	0,10	-
(c)	Terbutilazina	ug/L	0	-	-	-	0,10	-
(c)	Atividade Alfa Total	Bq/L	0	-	-	-	0,5	-
	Radão	Bq/L Rn	0	-	-	-	500	-
(c)	Selénio	µg/L Se	0	-	-	-	10	-
(c)	Sódio	mg/L Na	0	-	-	-	200	-
(c)	Sulfatos	mg/L SO ₄	0	-	-	-	250	-
(c)	Tetracloroetano e tricloroetano	µg/L	0	-	-	-	10	-
(c)	Tetracloroetano	µg/L	0	-	-	-	-	-
(c)	Tricloroetano	µg/L	0	-	-	-	-	-
	Trihalometanos Total	ug/L	0	-	-	-	80	-
	Bromodiclorometano	ug/L	0	-	-	-	-	-
	Bromofórmio	ug/L	0	-	-	-	-	-
	Clorodibromometano	ug/L	0	-	-	-	-	-
	Clorofórmio	ug/L	0	-	-	-	-	-

| (c) Parâmetros conservativos | (1) Níveis de verificação (alerta) | s.a.a. Sem alteração anormal | N.D. Não detetado | (<) O sinal "menor que" indica um resultado abaixo do limite de quantificação do método |

Informação complementar relativa à averiguação das situações de incumprimento dos Valores Paramétricos (VP)