

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO ENTIDADE GESTORA ABASTECIDA: Câmara Municipal de Óbidos							3º TRIMESTRE		
		PONTO DE ENTREGA: PE02_Casais da Arruda							2021		
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).											
Grupo	Parâmetro	Nº Análises do PCQA			Resultados Obtidos		Unidades	Valor Paramétrico (VP)	Valor Recomendado (Indicador)	Nº amostras superiores ao VP	Análises que cumprem o VP (%)
		Previstas (nº)	Realizadas (nº)	Realizadas (%)	Máximos	Mínimos					
CR1	Bactérias coliformes	2	2	---	0	0	UFC/ 100 mL	0	---	0	100
	Cloro residual livre	2	2	---	0,6	0,6	mg/L Cl ₂	---	≥ 0,6	---	100
	<i>E. coli</i>	2	2	---	0	0	N/ 100 mL	0	---	0	100
CR2	Nitratos	2	2	---	46,7	28,6	mg/ L NO ₃	50	---	0	100
	Alumínio	2	2	---	<20,0	18,8	µg/ L Al	200	---	0	100
	Cheiro	2	2	---	<1	<1	Factor de diluição	3	---	0	100
	Condutividade	2	2	---	618	156	µS/cm a 20°C	2500	---	0	100
	Cor	2	2	---	<3,0	<3,0	mg/ L PtCo	20	---	0	100
	<i>Clostridium perfringens</i> (incluindo esporos)	2	2	---	0	0	N/ 100 mL	0	---	0	100
	Enterococos	2	2	---	0	0	N/ 100 mL	0	---	0	100
	Número total de Germes a 22°C	2	2	---	301	ND	UFC/ mL	SAA	100	0	100
	Número total de Germes a 37°C	2	2	---	ND	ND	UFC/ mL	SAA	20	0	100
	pH	2	2	---	7,7	7,2	Unidades de pH	≥ 6,5 e ≤ 9,5	---	0	100
	Sabor	2	2	---	<1	<1	Factor de diluição	3	---	0	100
	Turvação	2	2	---	<0,20	<0,20	NTU	≤ 1	---	0	100
	CI	1,2-dicloroetano	0	0	---	---	---	µg/ L	3	---	---
Acrlamida		0	0	---	---	---	µg/ L	0,1	---	---	---
Amónio		0	0	---	---	---	mg/ L NH ₄	0,5	---	---	---
Antimónio		0	0	---	---	---	µg/ L Sb	5	---	---	---
Arsénio		0	0	---	---	---	µg/ L As	10	---	---	---
Benzeno		0	0	---	---	---	µg/ L	1	---	---	---
Benzo(a)pireno		0	0	---	---	---	µg/ L	0,01	---	---	---
Boro		0	0	---	---	---	mg/ L B	1	---	---	---
Bromatos		0	0	---	---	---	µg/ L BrO ₃	10	---	---	---
Cádmio		0	0	---	---	---	µg/ L Cd	5	---	---	---
Cálcio		0	0	---	---	---	mg/ L Ca	---	<100	---	---
Carbono orgânico total (COT)		0	0	---	---	---	mg/ L	---	SAA	---	---
Chumbo		0	0	---	---	---	µg/ L Pb	10	---	---	---
Cianetos		0	0	---	---	---	µg/ L CN	50	---	---	---
Cloretos		0	0	---	---	---	mg/ L Cl	250	---	---	---
Cobre		0	0	---	---	---	mg/ L Cu	2,0	---	---	---
Crómio		0	0	---	---	---	µg/ L Cr	50	---	---	---
Dureza total		0	0	---	---	---	mg/ L CaCO ₃	---	≥ 150 e ≤ 500	---	---
Ferro		0	0	---	---	---	µg/ L Fe	200	---	---	---
Fluoretos		0	0	---	---	---	mg/ L F	1,5	---	---	---
Hidrocarbonetos Aromáticos Policíclicos (HAP)		0	0	---	---	---	µg/ L	0,1	---	---	---
Benzo(b)fluoranteno		0	0	---	---	---	µg/ L	0,1	---	---	---
Benzo(k)fluoranteno		0	0	---	---	---	µg/ L	0,1	---	---	---
Benzo(g,h,i)perileno		0	0	---	---	---	µg/ L	0,1	---	---	---
Indeno(1,2,3-cd)pireno		0	0	---	---	---	µg/ L	0,1	---	---	---
Magnésio		0	0	---	---	---	mg/ L Mg	---	≤ 50	---	---
Manganés		0	0	---	---	---	µg/ L Mn	50	---	---	---
Mercurio		0	0	---	---	---	µg/ L Hg	1	---	---	---
Níquel		0	0	---	---	---	µg/ L Ni	20	---	---	---
Nitritos		0	0	---	---	---	mg/ L NO ₂	0,1	---	---	---
Oxibilidade		0	0	---	---	---	mg/ L	5	---	---	---
Pesticidas totais		0	0	---	---	---	µg/ L	0,5	---	---	---
Alacloro		0	0	---	---	---	µg/ L	0,1	---	---	---
Bentazona		0	0	---	---	---	µg/ L	0,1	---	---	---
Clorpirifos		0	0	---	---	---	µg/ L	0,1	---	---	---
Dimetoato		0	0	---	---	---	µg/ L	0,1	---	---	---
Ormeotoato		0	0	---	---	---	µg/ L	0,1	---	---	---
Diurão		0	0	---	---	---	µg/ L	0,1	---	---	---
Imidaclopride		0	0	---	---	---	µg/ L	0,1	---	---	---
Isoproturão		0	0	---	---	---	µg/ L	0,1	---	---	---
Linurão		0	0	---	---	---	µg/ L	0,1	---	---	---
MCPA		0	0	---	---	---	µg/ L	0,1	---	---	---
Metalaxil / Metalixil-M		0	0	---	---	---	µg/ L	0,1	---	---	---
Metalacloro / S-Metalacloro		0	0	---	---	---	µg/ L	0,1	---	---	---
Oxamil		0	0	---	---	---	µg/ L	0,1	---	---	---
Simazina		0	0	---	---	---	µg/ L	0,1	---	---	---
Dimetilsimazina		0	0	---	---	---	µg/ L	0,1	---	---	---
Terbutilazina	0	0	---	---	---	µg/ L	0,1	---	---	---	
Desetiterbutilazina	0	0	---	---	---	µg/ L	0,1	---	---	---	
Selénio	0	0	---	---	---	µg/ L Se	10	---	---	---	
Sódio	0	0	---	---	---	mg/ L Na	200	---	---	---	
Tetracloroetano	0	0	---	---	---	µg/ L	10	---	---	---	
Trihalometanos Total	0	0	---	---	---	µg/ L	100	---	---	---	
Bromofórmio	0	0	---	---	---	µg/ L	100	---	---	---	
Clorofórmio	0	0	---	---	---	µg/ L	100	---	---	---	
Bromodichlorometano	0	0	---	---	---	µg/ L	100	---	---	---	
Dibromoclorometano	0	0	---	---	---	µg/ L	100	---	---	---	
Sulfatos	0	0	---	---	---	mg/ L SO ₄	250	---	---	---	
Tricloroetano	0	0	---	---	---	µg/ L	10	---	---	---	
Alfa total	0	0	---	---	---	Bq/ L	0,1	---	---	---	
Dose Indicativa total	0	0	---	---	---	mSv	0,1	---	---	---	
Radão	0	0	---	---	---	Bq/ L	500	---	---	---	
Rádio-226	0	0	---	---	---	Bq/ L	0,5	---	---	---	
Polónio-210	0	0	---	---	---	Bq/ L	0,1	---	---	---	
Urânio-234	0	0	---	---	---	Bq/ L	2,8	---	---	---	
Urânio-238	0	0	---	---	---	Bq/ L	3	---	---	---	
TOTAL		30	30	100%							100%

Legenda

- >/ < Valor superior ou inferior ao Limite de Quantificação
- SAA Sem alteração anormal
- Abc Valor superior ao limite permitido por lei (valor paramétrico)
- abc Valor superior / inferior ao recomendado por lei (parâmetros indicadores)
- a) A realizar apenas quando o resultado dos parâmetros "alfa total" >0,10 Bq/ L e "Dose Indicativa total" > 0,1 mSv

Metodologia de averiguação de causas relativas a incumprimentos:	Causas relativas a incumprimentos:	Medidas corretivas implementadas:
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O Presidente do Conselho de Administração, O Diretor Delegado, Técnico Responsável

Henrique Bertino Batista Antunes Samuel Dinis (engº) Márcia Reis (engº)