

SERVIÇOS MUNICIPALIZADOS DE PENICHE		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO								4º Trimestre	
		ENTIDADE GESTORA ABASTECIDORA Câmara Municipal de Óbidos									
		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 Amostras PCQA			Unidades	Valor Paramétrico (VP)	Valor Recomendado (indicador)	Resultados Obtidos		Nº amostras superiores ao VP	Análises que cumprem o VP (%)
		Nº Análises Previstas	Nº Análises Realizadas	% de Análises Realizadas				Máximos	Mínimos		
CR1	Bactérias coliformes	1	1	100	UFC/100mL	0	---	0	0	0	100
	Cloro residual livre	1	3	300	mg/L Cl ₂	---	≥ 0,2 e ≤ 0,6	0,8	0,6	0	100
	E. coli	1	1	100	UFC/100mL	0	---	0	0	0	100
CR2	Alumínio	0	0	---	µg/L Al	200	---	---	---	0	---
	Chumbo	0	0	---	Factor de diluição	3	---	---	---	0	---
	Condutividade	0	2	---	µS/cm a 20°C	2500	---	151	113	0	100
	Cor	0	0	---	mg/l PtCo	20	---	---	---	0	---
	Clostridium perfringens (incluindo esporos)	0	0	---	N/100ml	0	---	---	---	0	---
	Enterococos	0	0	---	N/100 ml	0	---	---	---	0	---
	Nitratos	0	2	---	mg/L NO ₃	50	25	36,8	34,5	0	100
	Número total de Gemas a 22°C	0	0	---	UFC/mL	SAA	100	---	---	0	---
	Número total de Gemas a 37°C	0	0	---	UFC/mL	SAA	20	---	---	0	---
	pH	0	2	---	Unidades de pH	≥ 6,5 e ≤ 9,5	---	8,0	7,8	0	100
	Sabor	0	0	---	Factor de diluição	3	---	---	---	0	---
	Turbidez	0	0	---	NTU	≤ 1	---	---	---	0	---
	1,2-dicloroetano	0	0	---	µg/L	3	---	---	---	0	---
	Alfa total	0	0	---	Bq/L	0,1 Bq/L	---	---	---	0	---
	Acrilamida	0	0	---	µg/L	0,1	---	---	---	0	---
Amónio	0	0	---	mg/L NH ₄ ⁺	0,5	---	---	---	0	---	
Antimónio	0	0	---	µg/L Sb	5	---	---	---	0	---	
Arsénio	0	0	---	µg/L As	10	---	---	---	0	---	
Benzeno	0	0	---	µg/L	1	---	---	---	0	---	
Benzo(a)pireno	0	0	---	µg/L	0,01	---	---	---	0	---	
Boro	0	0	---	mg/L B	1	---	---	---	0	---	
Bromatos	0	0	---	µg/L BrO ₃	10	---	---	---	0	---	
Cádmico	0	0	---	µg/L Cd	5	---	---	---	0	---	
Cálcio	0	0	---	mg/L Ca	---	<100	---	---	0	---	
Carbono orgânico total (COT)	0	0	---	mg/L C	---	SAA	---	---	0	---	
Chumbo	0	0	---	µg/L Pb	10	---	---	---	0	---	
Cianetos	0	0	---	µg/L CN	50	---	---	---	0	---	
Cloretos	0	0	---	mg/L Cl	250	---	---	---	0	---	
Cobre	0	0	---	mg/L Cu	2,0	---	---	---	0	---	
Crómio	0	0	---	µg/L Cr	50	---	---	---	0	---	
Dose Indicativa total	0	0	---	mSv/ano	0,1 mSv/ano	---	---	---	0	---	
Dureza total	0	0	---	mg/L CaCO ₃	---	≥ 150 e ≤ 500	---	---	0	---	
Ferro	0	0	---	µg/L Fe	200	---	---	---	0	---	
Fluoretos	0	0	---	mg/L F	1,5	---	---	---	0	---	
Hidrocarbonetos Aromáticos Policíclicos (HAP)	0	0	---	µg/L	0,1	---	---	---	0	---	
Benzo(b)fluoranteno	0	0	---	µg/L	0,1	---	---	---	0	---	
Benzo(k)fluoranteno	0	0	---	µg/L	0,1	---	---	---	0	---	
Benzo(a,h,i)perileno	0	0	---	µg/L	0,1	---	---	---	0	---	
Indeno(1,2,3-cd)pireno	0	0	---	µg/L	0,1	---	---	---	0	---	
Magnésio	0	0	---	mg/L Mg	---	≤ 50	---	---	0	---	
Manganés	0	0	---	µg/L Mn	50	---	---	---	0	---	
Mercurio	0	0	---	µg/L Hg	1	---	---	---	0	---	
Níquel	0	0	---	µg/L Ni	20	---	---	---	0	---	
Nitritos	0	0	---	mg/L NO ₂	0,1	---	---	---	0	---	
Radão	0	0	---	Bq/L	500 Bq/L	---	---	---	0	---	
Posticidas totais	0	0	---	µg/L	0,5	---	---	---	0	---	
Alacloro	0	0	---	µg/L	---	---	---	---	0	---	
Bentazona	0	0	---	µg/L	---	---	---	---	0	---	
Clorpirifos	0	0	---	µg/L	---	---	---	---	0	---	
Dimetoato	0	0	---	µg/L	---	---	---	---	0	---	
Ormetoato	0	0	---	µg/L	---	---	---	---	0	---	
Dinuro	0	0	---	µg/L	0,1	---	---	---	0	---	
Imidactopride	0	0	---	µg/L	0,1	---	---	---	0	---	
Isoproturão	0	0	---	µg/L	---	---	---	---	0	---	
Linuro	0	0	---	µg/L	0,1	---	---	---	0	---	
MCPA	0	0	---	µg/L	0,1	---	---	---	0	---	
Metalaxil / Metalaxil-M	0	0	---	µg/L	0,1	---	---	---	0	---	
Metalacloro / S-Metalacloro	0	0	---	µg/L	0,1	---	---	---	0	---	
Oxamil	0	0	---	µg/L	0,1	---	---	---	0	---	
Simazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Dimetilsimazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Terbutilazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Desetilterbutilazina	0	0	---	µg/L	0,1	---	---	---	0	---	
Selénio	0	0	---	µg/L Se	10	---	---	---	0	---	
Sódio	0	0	---	mg/L Na	200	---	---	---	0	---	
Tetracloreto	0	0	---	µg/L	10	---	---	---	0	---	
Trihalometanos Total	0	2	---	µg/L	100	---	38,3	33,3	0	100	
Bromoformio	0	2	---	µg/L	---	---	0,85	0,31	0	100	
Cloroformio	0	2	---	µg/L	---	---	24,1	19,4	0	100	
Bromodiclorometano	0	2	---	µg/L	---	---	9,86	9,44	0	100	
Dibromoclorometano	0	2	---	µg/L	---	---	4,12	3,50	0	100	
Sulfatos	0	0	---	mg/L SO ₄	250	---	---	---	0	---	
Tricloreto	0	0	---	µg/L	10	---	---	---	0	---	
Polónio-210	0	0	---	Bq/L	---	0,1	---	---	0	---	
Rádio-226	0	0	---	Bq/L	---	0,5	---	---	0	---	
Urânio-234	0	0	---	Bq/L	---	2,8	---	---	0	---	
Urânio-238	0	0	---	Bq/L	---	---	---	---	0	---	
TOTAL		3	21							0	

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

O Presidente do Conselho de Administração,  Henrique Brito Batista Antunes

O Diretor Delegado,  Samuel Reis (engº)

Técnico Responsável,  Mária Reis (engº)