

## Qualidade da Água para Consumo Humano

2º Trimestre de 2023

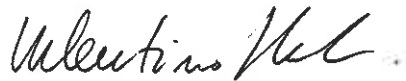
Valentino Salgado Cunha, Vice-Presidente da Câmara Municipal de Vendas Novas, torna público, em cumprimento do disposto no Artigo 17º do Decreto-Lei n.º 306/2007, de 27 de Agosto alterado pelo Decreto-Lei n.º 152/2017, os resultados obtidos nas análises de demonstração de conformidade com as normas de qualidade da água, relativos ao 2º trimestre de 2023, os quais constam dos seguintes anexos, podendo ser consultados no Edifício dos Paços do Concelho e na Junta de Freguesia de Landeira durante o período de funcionamento, ou seja, das 9.00 às 12.30 e das 14.00 às 17.30 de 2.ª a 6.ª feira:

- Anexo1.** - Relatório da Qualidade da Água para Consumo Humano Zona da Bica Fria;
- Anexo2.** - Relatório da Qualidade da Água para Consumo Humano Zona da Landeira;
- Anexo3.** - Relatório da Qualidade da Água para Consumo Humano Zona das Piçarras.

Por ser verdade e para constar, se passou o presente Edital e outros de igual teor que vão ser afixados nos locais do costume.

Paços do Município de Vendas Novas, 30 de agosto de 2023

O Vice-Presidente da Câmara Municipal,



(Valentino Salgado Cunha)

N.º Registo: SAI\_CMVN/2023/1605

N.º Processo: 800.10.303.00/2023/3





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

Parâmetro	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	Cumprimento do VP	N.º Análises (PCQA)		%
	VP	Unidade	Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	3	3	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	3	3	100%
Desinfetante residual	—	mg/L	0,3	0,7	—	—	3	3	100%
Número de colónias a 22 °C	Sem alteração anormal	N/ml	0	0	—	—	1	1	100%
Número de colónias a 37 °C	Sem alteração anormal	N/ml	0	0	—	—	1	1	100%
Condutividade	2500	µS/cm a 20°C	221	221	0	100%	1	1	100%
Cor	20	mg/L PtCo	<2	<2	0	100%	1	1	100%
Enterococos	0	N/100 mL	0	0	0	100%	1	1	100%
pH	≥6,5 e ≤9	Unidades pH	7,3	7,3	0	100%	1	1	100%
Oleiro a 25°	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Sabor a 25°C	3	Factor de diluição	<1	<1	0	100%	1	1	100%
Turvação	4	NTU	1,3	1,3	0	100%	1	1	100%
Alumínio	200	µg/L Al	—	—	—	—	—	—	—
Amónio	0,50	mg/L NH4	—	—	—	—	—	—	—
<i>Clostridium perfringens</i>	0	N/100ml	—	—	—	—	—	—	—
Ferro	200	µg/L Fe	—	—	—	—	—	—	—
Nitritos	0,5	mg/L NO2	—	—	—	—	—	—	—
Benzo(a)pireno	0,010	µg/L	—	—	—	—	—	—	—
Cálcio	—	mg/L Ca	—	—	—	—	—	—	—
Chumbo	10	µg/L Pb	—	—	—	—	—	—	—
Cobre	2,0	mg/L Cu	—	—	—	—	—	—	—
Cloratos	0,7	mg/l ClO2	—	—	—	—	—	—	—
Cloritos	0,7	mg/l ClO2	—	—	—	—	—	—	—
Crómio	50,0	µg/L Cr	—	—	—	—	—	—	—
Dureza total	—	mg/L CaCO3	—	—	—	—	—	—	—
Magnésio	—	mg/L Mg	—	—	—	—	—	—	—
Manganês	50	µg/L Mn	—	—	—	—	—	—	—
Níquel	20	µg/L Ni	—	—	—	—	—	—	—
Oxidabilidade	5	mg/L O2	—	—	—	—	—	—	—
Carbono Orgânico Total (COT)	Sem alteração anormal	mg/L C	—	—	—	—	—	—	—
Radão	500	Bq/L	—	—	—	—	—	—	—
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	—	—	—	—	—	—	—
Trihalometanos - total (THM):	100	µg/L	—	—	—	—	—	—	—
Clorofórmio	—	µg/L	—	—	—	—	—	—	—
Bromofórmio	—	µg/L	—	—	—	—	—	—	—
Bromodiclorometano	—	µg/L	—	—	—	—	—	—	—
Dibromoclorometano	—	µg/L	—	—	—	—	—	—	—
Nitrosas	40	mg/L NO3	1,5	1,5	1	100%	1	1	100%
Acetato	5	mg/L CH3COO	11,5	11,5	1	100%	1	1	100%
Acetato	30	mg/L CH3COO	13,0	13,0	1	100%	1	1	100%
Benzeno	1	µg/L	<0,05	<0,05	1	100%	1	1	100%
Boro	2,0	mg/L B	<0,05	<0,05	1	100%	1	1	100%
Bromatos	10	mg/L BrO3	2,3	2,3	1	100%	1	1	100%
Cálcio	3,0	mg/L Ca	13,3	13,3	1	100%	1	1	100%
Cianetos	50	µg/L CN	<5,00	<5,00	1	100%	1	1	100%
Crómio	50	µg/L Cr	—	—	—	—	—	—	—
1,2 - dicloroetano	1	µg/L	<0,10	<0,10	1	100%	1	1	100%
Fluoretos	1,5	mg/L F	<0,050	<0,050	1	100%	1	1	100%
Mercapto	1	µg/L Hg	<0,200	<0,200	1	100%	1	1	100%
Selenio	10	µg/L Se	13,0	13,0	1	100%	1	1	100%
Cloratos	100	mg/L Cl	32	32	1	100%	1	1	100%
Sódio	200	mg/L Na	38	38	1	100%	1	1	100%
Sulfatos	300	mg/L SO4	8,2	8,2	1	100%	1	1	100%
Alfa total	0,1	Bq/l	—	—	—	—	—	—	—
Beta total	1	Bq/l	—	—	—	—	—	—	—
Óxido indolacético	0,1	mg/l	<0,10	<0,10	1	100%	1	1	100%
Tetracloroetano e Tricloroetano:	10	µg/l	<1,0	<1,0	1	100%	1	1	100%
Tetracloroetano	—	µg/l	<0,10	<0,10	—	—	1	1	100%
Tricloroetano	—	µg/l	<1,0	<1,0	—	—	1	1	100%
Perfluorados - total	0,00	µg/l	<0,01	<0,01	1	100%	1	1	100%
Desafluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Clorofluorobutano	0,01	µg/l	<0,01	<0,01	1	100%	1	1	100%
Fluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Tetrafluorobutano	0,01	µg/l	<0,01	<0,01	1	100%	1	1	100%
Difluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Trifluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Hexafluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Pentafluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Tetrafluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Trifluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Difluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Fluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Hexafluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Pentafluorobutano	0,10	µg/l	<0,01	<0,01	1	100%	1	1	100%
Radão	500	Bq/L	—	—	—	—	—	—	—

NOTA 1:   Parâmetro Conservativo da responsabilidade da Entidade Gestora em Alta: Águas Públicas do Alentejo - AgDA

SEM INCUMPRIMENTOS

Responsável: Valentino Salgado Cunha



Data da publicação no website: 31-08-2023



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

Parâmetro	Valor Paramétrico (VP)		Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises
	VP	Unidade	Mínimo	Máximo			Agendadas	Realizadas	
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	2	2	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	2	2	100%
Desinfetante residual	---	mg/L	0,5	0,6	---	---	2	2	100%
Número de colónias a 22 °C	Sem alteração anormal	N/ml	---	---	---	---	---	---	---
Número de colónias a 37 °C	Sem alteração anormal	N/ml	---	---	---	---	---	---	---
Condutividade	2500	µS/cm a 20°C	---	---	---	---	---	---	---
Cob	20	mg/L PtCo	---	---	---	---	---	---	---
Enterococos	0	N/100 mL	---	---	---	---	---	---	---
pH	≥6,5 e ≤9	Unidades pH	---	---	---	---	---	---	---
Cheiro a 25°	3	Factor de diluição	---	---	---	---	---	---	---
Sabor a 25°C	3	Factor de diluição	---	---	---	---	---	---	---
Turvação	4	NTU	---	---	---	---	---	---	---
Alumínio	200	µg/L Al	---	---	---	---	---	---	---
Amónio	0,50	mg/L NH4	---	---	---	---	---	---	---
<i>Clostridium perfringens</i>	0	N/100ml	---	---	---	---	---	---	---
Ferro	200	µg/L Fe	---	---	---	---	---	---	---
Nitritos	0,5	mg/L NO2	---	---	---	---	---	---	---
Benzo(a)pireno	0,010	µg/L	---	---	---	---	---	---	---
Cálcio	---	mg/L Ca	---	---	---	---	---	---	---
Chumbo	10	µg/L Pb	---	---	---	---	---	---	---
Cobre	2,0	mg/L Cu	---	---	---	---	---	---	---
Cloratos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	---	---	---
Crómio	50,0	µg/L Cr	---	---	---	---	---	---	---
Dureza total	---	mg/L CaCO3	---	---	---	---	---	---	---
Magnésio	---	mg/L Mg	---	---	---	---	---	---	---
Manganês	50	µg/L Mn	---	---	---	---	---	---	---
Níquel	20	µg/L Ni	---	---	---	---	---	---	---
Oxidabilidade	5	mg/L O2	---	---	---	---	---	---	---
Carbono Orgânico Total (COT)	Sem alteração anormal	mg/L C	---	---	---	---	---	---	---
Rádão	500	Bq/L	---	---	---	---	---	---	---
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	---	---	---	---	---	---	---
Trihalometanos - total (THM):	100	µg/L	---	---	---	---	---	---	---
Clorofórmio	---	µg/L	---	---	---	---	---	---	---
Bromofórmio	---	µg/L	---	---	---	---	---	---	---
Bromodiclorometano	---	µg/L	---	---	---	---	---	---	---
Dibromodiclorometano	---	µg/L	---	---	---	---	---	---	---
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---
Nitrobenzeno	5	µg/L Sb	---	---	---	---	---	---	---
Arsénio	50	µg/L As	---	---	---	---	---	---	---
Benzeno	1	µg/L	---	---	---	---	---	---	---
Bora	1,0	mg/L B	---	---	---	---	---	---	---
Bromatos	10	µg/L BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---
Cianetos	50	µg/L CN	---	---	---	---	---	---	---
Copolas	50	µg/L Cl	---	---	---	---	---	---	---
1,2 - dicloroetano	1	µg/L	---	---	---	---	---	---	---
Fluoretos	1,5	mg/L F	---	---	---	---	---	---	---
Manganês	1	µg/L Mn	---	---	---	---	---	---	---
Selénio	10	µg/L Se	---	---	---	---	---	---	---
Cloratos	200	mg/L Cl	---	---	---	---	---	---	---
Sódio	200	mg/L Na	---	---	---	---	---	---	---
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---
Alfa total	0,1	Bq/L	---	---	---	---	---	---	---
Beta total	1	Bq/L	---	---	---	---	---	---	---
Opas indicativas	0,2	msc	---	---	---	---	---	---	---
Tetracloretano e Tricloroetano:	10	µg/L	---	---	---	---	---	---	---
Tetracloretano	---	µg/L	---	---	---	---	---	---	---
Tricloroetano	---	µg/L	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/L	<0,03	<0,03	0	100%	1	1	100%
Desetilfenitiazina	0,10	µg/L	---	---	---	---	---	---	---
Clorotalerol	500	Bq/L	---	---	---	---	---	---	---
Imazalil	0,10	µg/L	<0,03	<0,03	0	100%	1	1	100%
Terbutilazina	0,10	µg/L	---	---	---	---	---	---	---
Omecapto	0,10	µg/L	---	---	---	---	---	---	---
Atrazina	0,10	µg/L	<0,03	<0,03	0	NDM/01	1	1	0%
Desetilazina	0,10	µg/L	<0,03	<0,03	0	100%	1	1	100%
Dimetpatol	0,10	µg/L	---	---	---	---	---	---	---
Clorfen	0,10	µg/L	---	---	---	---	---	---	---
Impropazina	0,10	µg/L	<0,03	<0,03	0	100%	1	1	100%
Terbufosato	0,10	µg/L	---	---	---	---	---	---	---
Imazina	0,10	µg/L	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/L	---	---	---	---	---	---	---
Bentazina	0,50	µg/L	<0,03	<0,03	0	100%	1	1	100%
Desetilazina	0,10	µg/L	---	---	---	---	---	---	---
Rádão	500	Bq/L	---	---	---	---	---	---	---

NOTA 1:  Parâmetro Conservativo da responsabilidade da Entidade Gestora em Alta: Águas Públicas do Alentejo - Agda

SEM INCUMPRIMENTOS

Responsável: Valentino Salgado Cunha



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