



vendas novas
era uma vez uma princesa...

EDITAL

CÂMARA MUNICIPAL DE VENDAS NOVAS

Qualidade da Água para Consumo Humano 4º Trimestre de 2019

Luís Carlos Piteira Dias, Presidente da Câmara Municipal de Vendas Novas, torna a público, em cumprimento do disposto no Artigo 17º do Decreto-Lei n.º 306/2007, de 27 de Agosto alterado pelo Decreto-Lei nº 152/2017, os resultados obtidos nas análises de demonstração de conformidade com as normas de qualidade da água, relativos ao 4º trimestre de 2019, 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, 27 de fevereiro de 2020

O Presidente da Câmara Municipal,

(Luís Carlos Piteira Dias)

N.º Registo: SAI_CMVN/2020/377

N.º Processo: 800.10.303.00/2019/3



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	0,4	0,8	0	100%	9	9	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	9	9	100%
Desinfetante residual	---	mg/L	0	0	---	---	9	9	100%
Número de colónias a 22 °C	Sem alteração anormal	N/ml	0	5	---	---	4	4	100%
Número de colónias a 36 °C	Sem alteração anormal	N/ml	0	11	---	---	4	4	100%
Condutividade	2500	µS/cm a 20°C	290	320	0	100%	4	4	100%
Cor	20	mg/L PtCo	<2	<2	0	100%	4	4	100%
Enterococos	0	N/100 mL	0	0	0	100%	4	4	100%
pH	≥6,5 e ≤9	Unidades pH	7,2	7,7	0	100%	4	4	100%
Cheiro a 25º	3	Factor de diluição	<1	<1	0	100%	4	4	100%
Sabor a 25°C	3	Factor de diluição	<1	<1	0	100%	4	4	100%
Turvação	4	NTU	<0,5	<0,5	0	100%	4	4	100%
Alumínio	200	µg/L Al	<30	<30	0	100%	1	1	100%
Amónio	0,50	mg/L NH4	0,02	0,02	0	100%	1	1	100%
<i>Clostridium perfringens</i>	0	N/100ml	0	0	0	100%	1	1	100%
Ferro	200	µg/L Fe	<50	<50	0	100%	1	1	100%
Nitritos	0,5	mg/L NO2	<0,02	<0,02	0	100%	1	1	100%
Benzo(a)pireno	0,010	µg/L	<0,005	<0,005	0	100%	1	1	100%
Cálcio	---	mg/L Ca	19	19	---	---	1	1	100%
Chumbo	10	µg/L Pb	<1	<1	0	100%	1	1	100%
Cobre	2,0	mg/L Cu	<0,3	<0,3	0	100%	1	1	100%
Cloratos	0,7	mg/l ClO2	0,105	0,105	0	100%	1	1	100%
Cloritos	0,7	mg/l ClO2	<0,005	<0,005	0	100%	1	1	100%
Crómio	50,0	µg/L Cr	<2	<2	0	100%	1	1	100%
Dureza total	---	mg/L CaCO3	100	100	---	---	1	1	100%
Magnésio	---	mg/L Mg	13	13	---	---	1	1	100%
Manganês	50	µg/L Mn	<15	<15	0	100%	1	1	100%
Níquel	20	µg/L Ni	<5	<5	0	100%	1	1	100%
Oxidabilidade	5	mg/L O2	1	1	0	100%	1	1	100%
Carbono Orgânico Total (COT)	Sem alteração anormal	mg/L C	---	---	---	---	0	0	---
Radão	500	Bq/L	<10	<10	0	100%	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/L	<0,01	<0,01	0	100%	1	1	100%
Benzo(b)fluoranteno	---	µg/L	<0,010	<0,010	---	---	1	1	100%
Benzo(k)fluoranteno	---	µg/L	<0,01	<0,01	---	---	1	1	100%
Benzo(ghi)perileno	---	µg/L	<0,01	<0,01	---	---	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/L	<0,01	<0,01	---	---	1	1	100%
Trihalometanos - total (THM):	100	µg/L	1,2	1,2	0	100%	1	1	100%
Clorofórmio	---	µg/L	0,65	0,65	---	---	1	1	100%
Bromofórmio	---	µg/L	0,59	0,59	---	---	1	1	100%
Bromodiclorometano	---	µg/L	<0,5	<0,5	---	---	1	1	100%
Dibromoclorometano	---	µg/L	<0,5	<0,5	---	---	1	1	100%
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---
Antimónio	5	µg/L Sb	---	---	---	---	---	---	---
Arsénio	10	µg/L As	---	---	---	---	---	---	---
Benzeno	1	µg/L	---	---	---	---	---	---	---
Boro	1,0	mg/L B	---	---	---	---	---	---	---
Bromatos	10	µg/L BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---
Cianetos	50	µg/L CN	---	---	---	---	---	---	---
Crómio	50	µg/L Cr	---	---	---	---	---	---	---
1,2 - dicloroetano	3	µg/L	---	---	---	---	---	---	---
Fluoretos	1,5	mg/L F	---	---	---	---	---	---	---
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---
Selénio	10	µg/L Se	---	---	---	---	---	---	---
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---
Sódio	200	mg/L Na)	---	---	---	---	---	---	---
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---
Alfa total	0,1	Bq/L	---	---	---	---	---	---	---
Beta total	1	Bq/L	---	---	---	---	---	---	---
Dose indicativa	0,1	mSv	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/L	---	---	---	---	---	---	---
Tetracloroetano	---	µg/L	---	---	---	---	---	---	---
Tricloroetano	---	µg/L	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/L	<0,03	<0,03	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/L	---	---	---	---	---	---	---
Clortolurão	500	Bq/L	<0,03	<0,03	0	100%	1	1	100%
Linurão	0,10	µg/L	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/L	---	---	---	---	---	---	---
Ometoato	0,10	µg/L	---	---	---	---	---	---	---
Atrazina	0,10	µg/L	---	---	---	---	---	---	---
Desetilatraxina	0,10	µg/L	---	---	---	---	---	---	---
Dimetoato	0,10	µg/L	---	---	---	---	---	---	---
Diurão	0,10	µg/L	---	---	---	---	---	---	---
Isoproturão	0,10	µg/L	---	---	---	---	---	---	---
Tebuconazol	0,10	µg/L	---	---	---	---	---	---	---
Simazina	0,10	µg/L	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/L	---	---	---	---	---	---	---
Desetilsimazina	0,10	µg/L	---	---	---	---	---	---	---
Bentazona	0,10	µg/L	<0,03	<0,03	0	100%	1	1	100%
Radão	---	Bq/L	---	---	---	---	---	---	---
Bentazona	0,10	µg/L	---	---	---	---	---	---	---

NOTA 1: Parâmetro Conservativo realizado pela Entidade Gestora em Alta: Águas Públicas do Alentejo - AgdA

SEM INCUMPRIMENTOS

Responsável:

Data da publicação no website : 28-02-2020

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	0,5	0,8	0	100%	4	4	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	4	4	100%
Desinfetante residual	---	mg/L	0	0	---	---	4	4	100%
Número de colónias a 22 °C	Sem alteração anormal	N/ml	78	78	---	---	1	1	100%
Número de colónias a 36 °C	Sem alteração anormal	N/ml	152	152	---	---	1	1	100%
Condutividade	2500	µS/cm a 20°C	250	250	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	7,1	7,1	0	100%	1	1	100%
Cheiro a 25º	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	0,95	0,95	0	100%	1	1	100%
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/L NH4	---	---	---	---	0	0	---
<i>Clostridium perfringens</i>	0	N/100ml	---	---	---	---	0	0	---
Ferro	200	µg/L Fe	---	---	---	---	0	0	---
Nitritos	0,5	mg/L NO2	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/L	---	---	---	---	0	0	---
Cálcio	---	mg/L Ca	---	---	---	---	0	0	---
Chumbo	10	µg/L Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/L Cu	---	---	---	---	0	0	---
Cloratos	0,7	mg/l ClO2	---	---	---	---	0	0	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	0	0	---
Crómio	50,0	µg/L Cr	---	---	---	---	0	0	---
Dureza total	---	mg/L CaCO3	---	---	---	---	0	0	---
Magnésio	---	mg/L Mg	---	---	---	---	0	0	---
Manganês	50	µg/L Mn	---	---	---	---	0	0	---
Níquel	20	µg/L Ni	---	---	---	---	0	0	---
Oxidabilidade	5	mg/L O2	---	---	---	---	0	0	---
Carbono Orgânico Total (COT)	Sem alteração anormal	mg/L C	---	---	---	---	0	0	---
Radão	500	Bq/L	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/L	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/L	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno	---	µg/L	---	---	---	---	0	0	---
Trihalometanos - total (THM):	100	µg/L	---	---	---	---	0	0	---
Clorofórmio	---	µg/L	---	---	---	---	0	0	---
Bromofórmio	---	µg/L	---	---	---	---	0	0	---
Bromodichlorometano	---	µg/L	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/L	---	---	---	---	0	0	---
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---
Antimónio	5	µg/L Sb	---	---	---	---	---	---	---
Arsénio	10	µg/L As	---	---	---	---	---	---	---
Benzeno	1	µg/L	---	---	---	---	---	---	---
Boro	1,0	mg/L B	---	---	---	---	---	---	---
Bromatos	10	µg/L BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---
Cianetos	50	µg/L CN	---	---	---	---	---	---	---
Crómio	50	µg/L Cr	---	---	---	---	---	---	---
1,2 - dicloroetano	3	µg/L	---	---	---	---	---	---	---
Fluoretos	1,5	mg/L F	---	---	---	---	---	---	---
Mercúrio	1	µg/L Hg	---	---	---	---	---	---	---
Selénio	10	µg/L Se	---	---	---	---	---	---	---
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---
Sódio	200	mg/L Na)	---	---	---	---	---	---	---
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---
Alfa total	0,1	Bq/L	---	---	---	---	---	---	---
Beta total	1	Bq/L	---	---	---	---	---	---	---
Dose indicativa	0,1	mSv	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/L	---	---	---	---	---	---	---
Tetracloroetano	---	µg/L	---	---	---	---	---	---	---
Tricloroetano	---	µg/L	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/L	<0,03	<0,03	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/L	---	---	---	---	---	---	---
Clortolurão	500	Bq/L	<0,03	<0,03	0	100%	1	1	100%
Linurão	0,10	µg/L	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/L	---	---	---	---	---	---	---
Ometoato	0,10	µg/L	---	---	---	---	---	---	---
Atrazina	0,10	µg/L	---	---	---	---	---	---	---
Desetilatraxina	0,10	µg/L	---	---	---	---	---	---	---
Dimetoato	0,10	µg/L	---	---	---	---	---	---	---
Diurão	0,10	µg/L	---	---	---	---	---	---	---
Isoproturão	0,10	µg/L	---	---	---	---	---	---	---
Tebuconazol	0,10	µg/L	---	---	---	---	---	---	---
Simazina	0,10	µg/L	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/L	---	---	---	---	---	---	---
Desetilsimazina	0,10	µg/L	---	---	---	---	---	---	---
Bentazona	0,10	µg/L	---	---	---	---	---	---	---
Radão	---	Bq/L	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/L	---	---	---	---	---	---	---

NOTA 1: Parâmetro Conservativo realizado pela Entidade Gestora em Alta: Águas Públicas do Alentejo - AgdA

SEM INCUMPRIMENTOS

Responsável:

Data da publicação no website : 28-02-2020

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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	0,6	0,7	0	100%	2	2	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	2	2	100%
Desinfetante residual	---	mg/L	0	0	---	---	2	2	100%
Número de colónias a 22 °C	Sem alteração anormal	N/ml	---	---	---	---	0	0	---
Número de colónias a 36 °C	Sem alteração anormal	N/ml	---	---	---	---	0	0	---
Condutividade	2500	µS/cm a 20°C	---	---	---	---	0	0	---
Cor	20	mg/L PtCo	---	---	---	---	0	0	---
Enterococos	0	N/100 mL	---	---	---	---	0	0	---
pH	≥6,5 e ≤9	Unidades pH	---	---	---	---	0	0	---
Cheiro a 25º	3	Factor de diluição	---	---	---	---	0	0	---
Sabor a 25°C	3	Factor de diluição	---	---	---	---	0	0	---
Turvação	4	NTU	---	---	---	---	0	0	---
Alumínio	200	µg/L Al	---	---	---	---	0	0	---
Amónio	0,50	mg/L NH4	---	---	---	---	0	0	---
<i>Clostridium perfringens</i>	0	N/100ml	---	---	---	---	0	0	---
Ferro	200	µg/L Fe	---	---	---	---	0	0	---
Nitritos	0,5	mg/L NO2	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/L	---	---	---	---	0	0	---
Cálcio	---	mg/L Ca	---	---	---	---	0	0	---
Chumbo	10	µg/L Pb	---	---	---	---	0	0	---
Cobre	2,0	mg/L Cu	---	---	---	---	0	0	---
Cloratos	0,7	mg/l ClO2	---	---	---	---	0	0	---
Cloritos	0,7	mg/l ClO2	---	---	---	---	0	0	---
Crómio	50,0	µg/L Cr	---	---	---	---	0	0	---
Dureza total	---	mg/L CaCO3	---	---	---	---	0	0	---
Magnésio	---	mg/L Mg	---	---	---	---	0	0	---
Manganês	50	µg/L Mn	---	---	---	---	0	0	---
Níquel	20	µg/L Ni	---	---	---	---	0	0	---
Oxidabilidade	5	mg/L O2	---	---	---	---	0	0	---
Carbono Orgânico Total (COT)	Sem alteração anormal	mg/L C	---	---	---	---	0	0	---
Radão	500	Bq/L	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (HAP):	0,10	µg/L	---	---	---	---	0	0	---
Benzo(b)fluoranteno	---	µg/L	---	---	---	---	0	0	---
Benzo(k)fluoranteno	---	µg/L	---	---	---	---	0	0	---
Benzo(ghi)perileno	---	µg/L	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno	---	µg/L	---	---	---	---	0	0	---
Trihalometanos - total (THM):	100	µg/L	---	---	---	---	0	0	---
Clorofórmio	---	µg/L	---	---	---	---	0	0	---
Bromofórmio	---	µg/L	---	---	---	---	0	0	---
Bromodichlorometano	---	µg/L	---	---	---	---	0	0	---
Dibromochlorometano	---	µg/L	---	---	---	---	0	0	---
Nitratos	50	mg/L NO3	---	---	---	---	---	---	---
Antimónio	5	µg/L Sb	---	---	---	---	---	---	---
Arsénio	10	µg/L As	---	---	---	---	---	---	---
Benzeno	1	µg/L	---	---	---	---	---	---	---
Boro	1,0	mg/L B	---	---	---	---	---	---	---
Bromatos	10	µg/L BrO3	---	---	---	---	---	---	---
Cádmio	5,0	µg/L Cd	---	---	---	---	---	---	---
Cianetos	50	µg/L CN	---	---	---	---	---	---	---
Crómio	50	µg/L Cr	---	---	---	---	---	---	---
1,2 - dicloroetano	3	µg/L	---	---	---	---	---	---	---
Fluoretos	1,5	mg/L F	---	---	---	---	---	---	---
Mercurio	1	µg/L Hg	---	---	---	---	---	---	---
Selénio	10	µg/L Se	---	---	---	---	---	---	---
Cloretos	250	mg/L Cl	---	---	---	---	---	---	---
Sódio	200	mg/L Na)	---	---	---	---	---	---	---
Sulfatos	250	mg/L SO4	---	---	---	---	---	---	---
Alfa total	0,1	Bq/L	---	---	---	---	---	---	---
Beta total	1	Bq/L	---	---	---	---	---	---	---
Dose indicativa	0,1	mSv	---	---	---	---	---	---	---
Tetracloroetano e Tricloroetano:	10	µg/L	---	---	---	---	---	---	---
Tetracloroetano	---	µg/L	---	---	---	---	---	---	---
Tricloroetano	---	µg/L	---	---	---	---	---	---	---
Pesticidas - total	0,50	µg/L	<0,03	<0,03	0	100%	1	1	100%
Desetilterbutilazina	0,10	µg/L	---	---	---	---	---	---	---
Clortolurão	500	Bq/L	<0,03	<0,03	0	100%	1	1	100%
Linurão	0,10	µg/L	---	---	---	---	---	---	---
Terbutilazina	0,10	µg/L	---	---	---	---	---	---	---
Ometoato	0,10	µg/L	---	---	---	---	---	---	---
Atrazina	0,10	µg/L	---	---	---	---	---	---	---
Desetilatraxina	0,10	µg/L	---	---	---	---	---	---	---
Dimetoato	0,10	µg/L	---	---	---	---	---	---	---
Diurão	0,10	µg/L	---	---	---	---	---	---	---
Isoproturão	0,10	µg/L	---	---	---	---	---	---	---
Tebuconazol	0,10	µg/L	---	---	---	---	---	---	---
Simazina	0,10	µg/L	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/L	---	---	---	---	---	---	---
Desetilsimazina	0,10	µg/L	---	---	---	---	---	---	---
Bentazona	0,10	µg/L	---	---	---	---	---	---	---
Radão	---	Bq/L	---	---	---	---	---	---	---
Clorpirifos	0,10	µg/L	---	---	---	---	---	---	---

NOTA 1: Parâmetro Conservativo realizado pela Entidade Gestora em Alta: Águas Públicas do Alentejo - AgdA

SEM INCUMPRIMENTOS

Responsável:

Data da publicação no website : 28-02-2020