

## EDITAL

DAVID MANUEL FIALHO GALEGO, Presidente da Câmara Municipal de Redondo, faz saber que, a qualidade da água fornecida pelo Município de Redondo à população é verificada através de análises periódicas previstas no Programa de Controlo da Qualidade da Água estabelecido com base no n.º 1 do artigo 17º do Decreto Lei n.º 69/2023, de 21 de agosto. No 3º trimestre do ano de 2024 foram efetuadas amostragens nas Zonas de Abastecimento da Vigia e da Aldeia da Serra cujos resultados estão apresentados nas tabelas anexas.

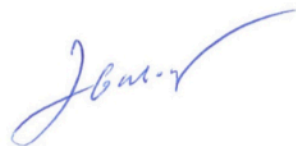
O Programa de Controlo da Qualidade da Água é efetuado pelo Laboratório Agroleico – Laboratório de Análises Químicas e Bacteriológicas, Lda.

Os parâmetros conservativos da Zona de Abastecimento da Vigia e da Aldeia da Serra são da responsabilidade das Águas do Vale do Tejo - EPAL - Grupo Águas de Portugal, cujos resultados são apresentados em tabela anexa.


Para constar e devidos efeitos se publica este edital e outros de igual teor que vão ser afixados nos lugares públicos do costume.

Paços do Concelho, aos 27 de novembro de 2024

O Presidente da Câmara Municipal



David Manuel Fialho Galego

	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE REDONDO						3.º TRIMESTRE		
	ZONA DE ABASTECIMENTO: VIGIA						2024		
<p>Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, 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).</p>									
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	
<b>Parâmetros Controlo de Rotina R1</b>									
<i>Escherichia coli (E. Coli)</i>	0	N/100 ml	0	0	0	100%	6	6	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	6	6	100%
Desinfetante residual	---	mg/l	<0,1	0,4	---	---	6	6	100%
<b>Parâmetros Controlo de Rotina R2</b>									
Cheiro a 25 °C	3	Fator de diluição	<3	<3	0	100%	2	2	100%
Sabor a 25 °C	3	Fator de diluição	<3	<3	0	100%	2	2	100%
pH	≥6,5 e ≤9,5	Unidades pH	7,3	7,5	0	100%	2	2	100%
Condutividade	2500	µS/cm a 20 °C	349	485	0	100%	2	2	100%
Cor	20	mg/l PtCo	<5	<5	0	100%	2	2	100%
Turvação	4	UNT	<0,7	<0,7	0	100%	2	2	100%
Enterococos	0	N/100 ml	0	0	0	100%	2	2	100%
Número de colónias a 22 °C	---	N/ml	0	160	---	---	2	2	100%
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	2	2	100%
Alumínio	200	µg/L Al	<50	<50	0	100%	2	2	100%
Amónio	0,5	mg/l NH4	<0,05	<0,05	0	100%	2	2	100%
Ferro	200	µg/l Fe	<50	<50	0	0%	2	2	100%
Manganês	50	µg/l Mn	<10	<10	0	100%	2	2	100%
Oxidabilidade	5	mg/l O2	<1	2,68	0	100%	2	2	100%
<b>Trihalometanos - total (THM):*</b>	<b>100</b>	<b>µg/l</b>	<b>97,1</b>	<b>128</b>	<b>1</b>	<b>50%</b>	<b>2</b>	<b>2</b>	<b>100%</b>
Clorofórmio	---	µg/l	49,7	52,9	0	100%	2	2	100%
Bromofórmio	---	µg/l	2,34	8,96	0	100%	2	2	100%
Bromodichlorometano	---	µg/l	27,6	37,8	0	100%	2	2	100%
Dibromoclorometano	---	µg/l	14,3	31,6	0	100%	2	2	100%
<b>Parâmetros Controlo de Inspeção CI</b>									
Antimónio (1)	5,0	µg/l Sb	---	---	---	---	0	0	---
Arsénio (1)	10	µg/l As	---	---	---	---	0	0	---
Benzeno (1)	1,0	µg/l	---	---	---	---	0	0	---
Benzo(a)pireno	0,010	µg/l	<0,005	<0,005	0	100%	1	1	100%
Boro (1)	1,0	mg/l B	---	---	---	---	0	0	---
Bromatos (1)	10	µg/l BrO3	---	---	---	---	0	0	---
Cádmio(1)	5,0	µg/l Cd	---	---	---	---	0	0	---
Cálcio	---	mg/l Ca	22,3	22,3	0	100%	1	1	100%
Carbono Orgânico Total (COT) (1)	---	mg/l C	---	---	---	---	0	0	---
Cianetos (1)	50	µg/l CN	---	---	---	---	0	0	---
Cloretos (1)	250	mg/l Cl	---	---	---	---	0	0	---
Cloritos	0,25	mg/l ClO2	<0,01	<0,01	0	100%	1	1	100%
Cloratos	0,25	mg/l ClO3	0,131	0,131	0	100%	1	1	100%
Chumbo	10	µg/l Pb	<3	<3	0	100%	1	1	100%
Cobre	2,0	mg/l Cu	<0,01	<0,01	0	100%	1	1	100%
Crómio	50	µg/l Cr	<10	<10	0	100%	1	1	100%
1,2 - dicloroetano(1)	3,0	µg/l	---	---	---	---	0	0	---
Dureza total	---	mg/l CaCO3	98	98	0	100%	1	1	100%
Fluoretos(1)	1,5	mg/l F	---	---	---	---	0	0	---
<b>Hidrocarbonetos Aromáticos Policíclicos</b>	<b>0,10</b>	<b>µg/l</b>	<b>&lt;0,02</b>	<b>&lt;0,02</b>	<b>0</b>	<b>100%</b>	<b>1</b>	<b>1</b>	<b>100%</b>
Benzo(b)fluoranteno	---	µg/l	<0,02	<0,02	0	100%	1	1	100%
Benzo(k)fluoranteno	---	µg/l	<0,02	<0,02	0	100%	1	1	100%
Benzo(ghi)perileno	---	µg/l	<0,02	<0,02	0	100%	1	1	100%
Indeno(1,2,3-cd)pireno	---	µg/l	<0,02	<0,02	0	100%	1	1	100%
Magnésio	---	mg/l Mg	10,2	10,2	0	100%	1	1	100%
Nitratos (1)	50	mg/l NO3	---	---	---	---	0	0	---
Nitritos	0,50	mg/l NO2	<0,02	0,02	0	100%	1	1	100%
Níquel	20	µg/l Ni	<5	<5	0	100%	1	1	100%
Potássio	---	mg/L K+	5,6	5,6	0	100%	1	1	100%
<b>Pesticidas - total (1)</b>	<b>0,50</b>	<b>µg/l</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>---</b>	<b>0</b>	<b>0</b>	<b>---</b>
Atrazina	0,10	µg/l	---	---	---	---	0	0	---
Bentazona	0,10	µg/l	---	---	---	---	0	0	---
Clorpirifos	0,10	µg/l	---	---	---	---	0	0	---
Clortolurão	0,10	µg/l	---	---	---	---	0	0	---
Desetilatraxina	0,10	µg/l	---	---	---	---	0	0	---
Desetilatraxina	0,10	µg/l	---	---	---	---	0	0	---
Dimetoato	0,10	µg/l	---	---	---	---	0	0	---
Diurão	0,10	µg/l	---	---	---	---	0	0	---

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	
Isoproturão	0,10	µg/l	---	---	---	---	0	0	---
Linurão	0,10	µg/l	---	---	---	---	0	0	---
Tebuconazol	0,10	µg/l	---	---	---	---	0	0	---
Terbutilazina	0,10	µg/l	---	---	---	---	0	0	---
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
Simazina	0,10	µg/l	---	---	---	---	0	0	---
Desetilsimazina	0,10	µg/l	---	---	---	---	0	0	---
Selénio (1)	10	µg/l Se	---	---	---	---	0	0	---
Sódio (1)	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos (1)	250	mg/l SO <sub>4</sub>	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno (1):	10	µg/l	---	---	---	---	0	0	---
Tetracloroeteno	---	µg/l	---	---	---	---	0	0	---
Tricloroeteno	---	µg/l	---	---	---	---	0	0	---
Dose indicativa (1)	0,10	mSv	---	---	---	---	0	0	---
Radão (1)	500	Bq/l	---	---	---	---	0	0	---
Alfa Total (1)	0,10	Bq/l	---	---	---	---	0	0	---
Beta Total (1)	1	Bq/l	---	---	---	---	0	0	---
NOTA 1: Parâmetro analisado pela entidade gestora em alta Águas do Vale do Tejo, grupo Águas de Portugal (EPAL).									
* Neste trimestre verificou-se um incumprimento que foi comunicado às autoridades competentes. O parâmetro que excedeu o valor paramétrico foi o seguinte: Triahomenanos (128 µg/L) no dia 30/08/2024 em "Centro de Saúde", em Redondo. Foram tomadas as medidas mais adequadas para a resolução do incumprimento. Foram realizadas análises de verificação nos mesmos locais de amostragem, estando os resultados em concordância com os valores paramétricos em vigor.									
Responsável: David Manuel Fialho Galego						Data da publicação no website: 27/11/2024			

Redondo município		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE REDONDO					3.º TRIMESTRE			
		ZONA DE ABASTECIMENTO: ALDEIA DA SERRA					2024			
Em conformidade com o Decreto-Lei n.º 69/2023, de 21 de agosto, 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		
<b>Parâmetros Controlo de Rotina R1</b>										
<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	<0,1	0,2	---	---	2	2	100%	
<b>Parâmetros Controlo de Rotina R2</b>										
Cheiro a 25 °C	3	Fator de diluição	<3	<3	0	100%	1	1	100%	
Sabor a 25 °C	3	Fator de diluição	<3	<3	0	100%	1	1	100%	
pH	≥6,5 e ≤9,5	Unidades pH	8,2	8,2	0	100%	1	1	100%	
Condutividade	2500	µS/cm a 20 °C	362	362	0	100%	1	1	100%	
Cor	20	mg/l PtCo	17	17	0	100%	1	1	100%	
Turvação	4	UNT	2,5	2,5	0	100%	1	1	100%	
Enterococos	0	N/100 ml	0	0	0	100%	1	1	100%	
Número de colónias a 22 °C	---	N/ml	>300	>300	---	100%	1	1	100%	
<i>Clostridium perfringens</i>	0	N/100 ml	0	0	0	100%	1	1	100%	
Alumínio	200	µg/L Al	<50	<50	0	100%	1	1	100%	
Amónio	0,5	mg/l NH4	<0,05	<0,05	0	100%	1	1	100%	
Ferro	200	µg/l Fe	149	149	0	100%	1	1	100%	
Manganês	50	µg/l Mn	13,6	13,6	0	100%	1	1	100%	
Oxidabilidade	5	mg/l O2	1,76	1,76	0	100%	1	1	100%	
<b>Parâmetros Controlo de Inspeção CI</b>										
Antimónio (1)	5,0	µg/l Sb	---	---	---	---	0	0	---	
Arsénio (1)	10	µg/l As	---	---	---	---	0	0	---	
Benzeno (1)	1,0	µg/l	---	---	---	---	0	0	---	
Benzo(a)pireno	0,010	µg/l	---	---	---	---	0	0	---	
Boro (1)	1,0	mg/l B	---	---	---	---	0	0	---	
Bromatos (1)	10	µg/l BrO3	---	---	---	---	0	0	---	
Cádmio(1)	5,0	µg/l Cd	---	---	---	---	0	0	---	
Cálcio	---	mg/l Ca	---	---	---	---	0	0	---	
Carbono Orgânico Total (COT) (1)	---	mg/l C	---	---	---	---	0	0	---	
Cianetos (1)	50	µg/l CN	---	---	---	---	0	0	---	
Cloretos (1)	250	mg/l Cl	---	---	---	---	0	0	---	
Cloritos	0,25	mg/l ClO2	---	---	---	---	0	0	---	
Cloratos	0,25	mg/l ClO3	---	---	---	---	0	0	---	
Chumbo	10	µg/l Pb	---	---	---	---	0	0	---	
Cobre	2,0	mg/l Cu	---	---	---	---	0	0	---	
Crómio	50	µg/l Cr	---	---	---	---	0	0	---	
1,2 - dicloroetano(1)	3,0	µg/l	---	---	---	---	0	0	---	
Dureza total	---	mg/l CaCO3	---	---	---	---	0	0	---	
Fluoretos(1)	1,5	mg/l F	---	---	---	---	0	0	---	
<b>Hidrocarbonetos Aromáticos Policíclicos</b>	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	---	
Magnésio	---	mg/l Mg	---	---	---	---	0	0	---	
Nitratos (1)	50	mg/l NO3	---	---	---	---	0	0	---	
Nitritos	0,50	mg/l NO2	---	---	---	---	0	0	---	
Níquel	20	µg/l Ni	---	---	---	---	0	0	---	
Potássio	---	mg/L K+	---	---	---	---	0	0	---	
<b>Pesticidas - total (1)</b>	0,50	µg/l	---	---	---	---	0	0	---	
Radão	500,00	µg/l	---	---	---	---	0	0	---	
Bentazona (1)	0,10	µg/l	---	---	---	---	0	0	---	
Clorpirifos (1)	0,10	µg/l	---	---	---	---	0	0	---	
Clortolurão (1)	0,10	µg/l	---	---	---	---	0	0	---	
Desetilatrazina (1)	0,10	µg/l	---	---	---	---	0	0	---	
Desetilterbutilazina (1)	0,10	µg/l	---	---	---	---	0	0	---	
Dimetoato (1)	0,10	µg/l	---	---	---	---	0	0	---	
Diurão (1)	0,10	µg/l	---	---	---	---	0	0	---	
Isoproturão (1)	0,10	µg/l	---	---	---	---	0	0	---	
Linurão (1)	0,10	µg/l	---	---	---	---	0	0	---	
Tebuconazol (1)	0,10	µg/l	---	---	---	---	0	0	---	
Terbutilazina (1)	0,10	µg/l	---	---	---	---	0	0	---	

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	
Ometoato	0,10	µg/l	---	---	---	---	0	0	---
Simazina	0,10	µg/l	---	---	---	---	0	0	---
Desetilsimazina	0,10	µg/l	---	---	---	---	0	0	---
Selénio (1)	10	µg/l Se	---	---	---	---	0	0	---
Sódio (1)	200	mg/l Na	---	---	---	---	0	0	---
Sulfatos (1)	250	mg/l SO <sub>4</sub>	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (1):	10	µg/l	---	---	---	---	0	0	---
Tetracloroetano	---	µg/l	---	---	---	---	0	0	---
Tricloroetano	---	µg/l	---	---	---	---	0	0	---
Trihalometanos - total (THM):*	100	µg/l	---	---	---	---	0	0	---
Clorofórmio	---	µg/l	---	---	---	---	0	0	---
Bromofórmio	---	µg/l	---	---	---	---	0	0	---
Bromodiclorometano	---	µg/l	---	---	---	---	0	0	---
Dibromoclorometano	---	µg/l	---	---	---	---	0	0	---
Dose indicativa (1)	0,10	mSv	---	---	---	---	0	0	---
Radão	500	Bq/l	---	---	---	---	0	0	---
Alfa Total (1)	0,10	Bq/l	---	---	---	---	0	0	---
Beta Total (1)	1	Bq/l	---	---	---	---	0	0	---

NOTA 1: Parâmetro analisado pela entidade gestora em alta Águas do Vale do Tejo, grupo Águas de Portugal (EPAL).

\* Neste trimestre não se verificaram incumprimentos aos parâmetros analisados o que permite concluir que a água distribuída está em conformidade com as normas de qualidade estabelecidas no Decreto-Lei n.º 69/2023, de 21 de agosto.

Responsável: David Manuel Fialho Galego	Data da publicação no website : 27/11/2024
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