

## 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 4º 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 19 de fevereiro de 2025

O Presidente da Câmara Municipal



DAVID MANUEL FIALHO GALEGO

		DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE REDONDO					4.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	12	2	67%	6	6	100%	
Desinfetante residual	---	mg/l	<0,1	1,1	---	---	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	7,8	7,9	0	100%	2	2	100%	
Condutividade	2500	µS/cm a 20 °C	426	485	0	100%	2	2	100%	
Cor	20	mg/l PtCo	<5	<5	0	100%	2	2	100%	
Turvação	4	UNT	0,95	1,3	0	100%	2	2	100%	
Enterococos	0	N/100 ml	0	4	1	50%	2	2	100%	
Número de colónias a 22 °C	---	N/ml	>300	>300	---	---	2	2	100%	
Clostridium perfringens	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	155	203	1	50%	2	2	100%	
Manganês	50	µg/l Mn	<10	<10	0	100%	2	2	100%	
Oxidabilidade	5	mg/l O2	2,12	2,13	0	100%	2	2	100%	
Trihalometanos - total (THM):*	100	µg/l	65,9	74,1	0	100%	2	2	100%	
Clorofórmio	---	µg/l	16,6	24,3	0	100%	2	2	100%	
Bromofórmio	---	µg/l	7,72	11,1	0	100%	2	2	100%	
Bromodichlorometano	---	µg/l	12,9	23	0	100%	2	2	100%	
Dibromoclorometano	---	µg/l	17,6	26,8	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	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>										
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>										
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	---	
Desetilterbutilazina	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	---
Tetracloroetano e Tricloroetano (1):	10	µg/l	---	---	---	---	0	0	---
Tetracloroetano	---	µg/l	---	---	---	---	0	0	---
Tricloroetano	---	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 verificam-se 4 incumprimentos que foram comunicados às autoridades competentes. Os parâmetros que excederam os valores paramétricos foram os seguintes: Bactérias coliformes, Ferro e Enterococos. Foram tomadas as medidas adequadas para a resolução dos incumprimentos. 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 <i>website</i> : 19/02/2025			

	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE REDONDO					4.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</i> (E. Coli)	0	N/100 ml	0	0	0	100%	1	1	100%
Bactérias coliformes	0	N/100 ml	0	0	0	100%	1	1	100%
Desinfetante residual	---	mg/l	<0,1	<0,1	---	---	1	1	100%
<b>Parâmetros Controlo de Rotina R2</b>									
Cheiro a 25 °C	3	Fator de diluição	---	---	---	---	0	0	100%
Sabor a 25 °C	3	Fator de diluição	---	---	---	---	0	0	100%
pH	≥6,5 e ≤9,5	Unidades pH	---	---	---	---	0	0	100%
Condutividade	2500	µS/cm a 20 °C	---	---	---	---	0	0	100%
Cor	20	mg/l PtCo	---	---	---	---	0	0	100%
Turvação	4	UNT	---	---	---	---	0	0	100%
Enterococos	0	N/100 ml	---	---	---	---	0	0	100%
Número de colónias a 22 °C	---	N/ml	---	---	---	---	0	0	100%
<i>Clostridium perfringens</i>	0	N/100 ml	---	---	---	---	0	0	100%
Alumínio	200	µg/L Al	---	---	---	---	0	0	100%
Amónio	0,5	mg/l NH4	---	---	---	---	0	0	100%
Ferro	200	µg/l Fe	---	---	---	---	0	0	100%
Manganês	50	µg/l Mn	---	---	---	---	0	0	100%
Oxidabilidade	5	mg/l O2	---	---	---	---	0	0	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>									
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>									
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	---
Desetilazina (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	---
Tetracloroeteno e Tricloroeteno (1):	10	µg/l	---	---	---	---	0	0	---
Tetracloroeteno	---	µg/l	---	---	---	---	0	0	---
Tricloroeteno	---	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 : 19/02/2025			