



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 Analítico estabelecido com base no n.º 2 do artigo 17º do Dec. Lei n.º 152/2017, de 7 de dezembro.

No 3º trimestre do ano de 2023 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 LPQ – Laboratório Pró-Qualidade, 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 26 de outubro de 2023

O Presidente da Câmara Municipal




MUNICÍPIO DE REDONDO É o Mundo	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE REDONDO						3.º TRIMESTRE			
	ZONA DE ABASTECIMENTO: VIGIA						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 (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		
Parâmetros Controlo de Rotina R1										
<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%	
Parâmetros Controlo de Rotina R2										
Cheiro a 25 °C	3	Fator de diluição	<1	<1	0	100%	3	3	100%	
Sabor a 25 °C	3	Fator de diluição	<1	<1	0	100%	3	3	100%	
pH	≥6,5 e ≤9,5	Unidades pH	7,5	7,8	0	100%	3	3	100%	
Condutividade	2500	µS/cm a 20 °C	442	531	0	100%	3	3	100%	
Cor	20	mg/l PtCo	<2	<2	0	100%	3	3	100%	
Turvação	4	UNT	<0,30	<0,3	0	100%	3	3	100%	
Enterococos	0	N/100 ml	0	0	0	100%	3	3	100%	
Número de colónias a 22 °C	---	N/ml	<1	>300	---	---	3	3	100%	
Número de colónias a 37 °C	---	N/ml	<1	>300	---	---	3	3	100%	
Clostridium perfringens	0	N/100 ml	0	0	0	100%	3	3	100%	
Alumínio	200	µg/L Al	<50	130	0	100%	3	3	100%	
Amónio	0,5	mg/l NH4	<0,02	<0,02	0	100%	3	3	100%	
Ferro	200	µg/l Fe	<50	<50	0	100%	3	3	100%	
Manganês	50	µg/l Mn	<15	<15	0	100%	3	3	100%	
Oxidabilidade	5	mg/l O2	1,7	2,8	0	100%	3	3	100%	
Trihalometanos - total (THM):*										
	100	µg/l	---	---	0	100%	3	3	100%	
Clorofórmio	---	µg/l	6	23	0	100%	3	3	100%	
Bromofórmio	---	µg/l	<3	13	0	100%	3	3	100%	
Bromodiclorometano	---	µg/l	9	17	0	100%	3	3	100%	
Dibromoclorometano	---	µg/l	4	24	0	100%	3	3	100%	
Parâmetros Controlo de Inspeção CI										
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 (1)	0,7	mg/l ClO2	---	---	---	---	0	0	---	
Cloratos (1)	0,7	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	---	
Hidrocarbonetos Aromáticos Policíclicos										
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	---	
Pesticidas - total (1)										
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	---	
Desetilatrazina	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 ₄	---	---	---	---	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 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 306/2007, de 27 de agosto (na sua versão atualizada).									
Responsável: David Manuel Fialho Galego						Data da publicação no website : 27/10/2023			



 MUNICÍPIO DE REDONDO É o Mundo	DADOS DO CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NO CONCELHO DE REDONDO	3.º TRIMESTRE
	ZONA DE ABASTECIMENTO: ALDEIA DA SERRA	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 (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		
Parâmetros Controlo de Rotina R1										
<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	0,2	0,3	---	---	3	3	100%	
Parâmetros Controlo de Rotina R2										
Cheiro a 25 °C	3	Fator de diluição	<1	<1	0	100%	1	1	100%	
Sabor a 25 °C	3	Fator de diluição	<1	<1	0	100%	1	1	100%	
pH	≥6,5 e ≤9,5	Unidades pH	7,6	7,6	0	100%	1	1	100%	
Condutividade	2500	µS/cm a 20 °C	444	444	0	100%	1	1	100%	
Cor	20	mg/l PtCo	<2	<2	0	100%	1	1	100%	
Turvação	4	UNT	<0,30	<0,30	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	---	---	1	1	100%	
Número de colónias a 37 °C	---	N/ml	>300	>300	---	---	1	1	100%	
Clostridium perfringens	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	<0,02	<0,02	0	100%	1	1	100%	
Ferro	200	µg/l Fe	<50	<50	---	---	1	1	100%	
Manganês	50	µg/l Mn	19	19	0	100%	1	1	100%	
Oxidabilidade	5	mg/l O2	2,5	2,5	0	100%	1	1	100%	
Parâmetros Controlo de Inspeção CI										
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	---	
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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 (1)	0,7	mg/l ClO2	---	---	---	---	0	0	---	
Cloratos (1)	0,7	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	---	
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Benzo(b)fluoranteno	---	µg/l	---	---	---	---	0	0	---	
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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	---	
Pesticidas - total (1)										
Atrazina	0,10	µg/l	---	---	---	---	0	0	---	
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Clortolurão	0,10	µg/l	---	---	---	---	0	0	---	
Desetilatrazina	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	---	
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	---	



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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 ₄	---	---	---	---	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	---
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Responsável: David Manuel Fialho Galego						Data da publicação no website : 27/10/2023			