

2º Trimestre

Zona Abastecimento:		ZA1_TC_2020								
Grupo	Parâmetro	Nº Análises Previstas no PCQA	% de Análises Realizadas	Unidades	Valor Paramétrico	Valor Recomendado	Valores Máximos Obtidos	Valores Mínimos Obtidos	% de Análises que cumprem a legislação	
CR1	Bacterias coliformes	6	100	UFC/100mL	0	---	0	0	100	
	Cloro residual livre	6	100	mg/L Cl ₂	≥ 0,2 e ≤ 0,6	---	0,4	<0,15	100,00	
	E. coli	6	100	UFC/100mL	0	---	0	0	100	
CR2	Alumínio	2	300	µg/L Al	200	---	22,6	14,3	100	
	Amónio	2	300	mg/L NH ₄ ⁺	0,50	---	<0,05	<0,05	100	
	Cheiro	2	300	Factor diluição	3	---	<1	<1	100	
	Clostridium perfringens (incluindo esporos)	2	300	UFC/100mL	0	---	0	0	100	
	Condutividade	2	450	µS/cm a 20°C	2500	---	794	620	100	
	Carbono orgânico total (COT)	2	300	mg/L C	---	---	2,87	1,80	100	
	Cor	2	300	mg/L PtCo	20	---	<3,0	<3,0	100	
	Enterococos	2	300	UFC/100mL	0	---	0	0	100	
	Ferro	2	150	µg/L Fe	200	---	1,0e+02	<60	100	
	Manganês	2	300	µg/L Mn	50	---	1,49	0,71	100	
	Nitratos	2	300	mg/L NO ₃	50	---	<10,0	4,6	100	
	Nitritos	2	150	mg/L NO ₂	0,1	---	<0,10	<0,01	100	
	Número total de Germes a 22°C	2	300	UFC/mL	SAA	100	---	14	Não detetado	100
	Número total de Germes a 37°C	2	300	UFC/mL	SAA	20	---	7	Não detetado	100
	Oxidabilidade	2	300	mg/L O ₂	5	---	2,7	<1,0	100	
	pH	2	450	Unidades de pH	≥ 6,5 e ≤ 9,5	---	7,6	7,5	100	
	Sabor	2	300	Factor diluição	3	---	<1	<1	100	
	Turvação	2	300	NTU	≤ 1	---	<1,0	<1,0	100	
	Trihalometanos Total	2	450	µg/L	100	---	104	58,0	77,78	
	Bromofórmio	2	450	µg/L	---	---	61,9	26,1	100	
	Clorofórmio	2	450	µg/L	---	---	3,89	0,76	100	
	Bromodiclorometano	2	450	µg/L	---	---	11,6	4,76	100	
	Dibromoclorometano	2	450	µg/L	---	---	43,4	23,4	100	
	CI	1,2-dicloroetano	0	---	µg/L	3	---	---	---	---
		Alfa total	0	---	Bq/L	0,1 Bq/L	---	---	---	---
		Acilamida	0	---	µg/L	0,1	---	---	---	---
		Antimónio	0	---	µg/L Sb	5	---	---	---	---
		Arsénio	0	---	µg/L As	10	---	---	---	---
		Benzeno	0	---	µg/L	1	---	---	---	---
		Benzo(a)pireno	0	---	µg/L	0,01	---	---	---	---
		Beta total	0	---	Bq/L	1 Bq/L	---	---	---	---
		Boro	0	---	mg/L B	1	---	---	---	---
		Bromatos	0	---	µg/l BrO ₃	10	---	---	---	---
Cádmio		0	---	µg/L Cd	5	---	---	---	---	
Cálcio		0	---	mg/L Ca	---	<100	61	21,8	100	
Chumbo		0	---	µg/L Pb	10	---	<1,0	<1,0	100	
Cianetos		0	---	µg/L CN	50	---	---	---	---	
Cloratos		0	---	mg/L ClO ₃	0,7	---	<0,08	<0,08	100	
Cloretos		0	---	mg/L Cl	250	---	109	<10,0	100	
Cloritos		0	---	mg/L ClO ₂	0,7	---	<0,02	<0,02	100	
Cobre		0	---	mg/L Cu	2,0	---	<1,0E-03	<1,0E-03	100	
Crómio		0	---	µg/L Cr	50	---	---	---	---	
Dose Indicativa total		0	---	mSv/ano	0,1 mSv/ano	---	---	---	---	
Dureza total		0	---	mg/L CaCO ₃	---	≥ 150 e ≤ 500	216	34,9	100	
Fluoretos		0	---	mg/L F	1,5	---	---	---	---	
Hidrocarbonetos Aromáticos Policíclicos (HAP)		0	---	µg/L	0,1	---	---	---	---	
Benzo(b)fluoranteno		0	---	µg/L	0,1	---	---	---	---	
Benzo(k)fluoranteno		0	---	µg/L	0,1	---	---	---	---	
Benzo(g,h,i)perileno		0	---	µg/L	0,1	---	---	---	---	
Indeno(1,2,3-cd)pireno		0	---	µg/L	0,1	---	---	---	---	
Magnésio		0	---	mg/L Mg	---	≤ 50	21,1	19,60	100	
Mercúrio		0	---	µg/L Hg	1	---	---	---	---	
Níquel		0	---	µg/L Ni	20	---	<2,0	<2,0	100	
Radão		0	---	Bq/L	500 Bq/L	---	---	---	---	
Pesticidas totais		0	---	µg/L	0,5	---	---	---	---	
Alacloro		0	---	ng/L	---	---	---	---	---	
Bentazona		0	---	µg/L	---	---	---	---	---	
Clorpirifos		0	---	µg/L	---	---	---	---	---	
Dimetoato		0	---	ng/L	---	---	---	---	---	
Omeotoato		0	---	ug/L	---	---	---	---	---	
Diurão		0	---	µg/L	0,1	---	---	---	---	
Imidaclopride		0	---	µg/L	0,1	---	---	---	---	
Isoproturão		0	---	ng/L	---	---	---	---	---	
Linurão		0	---	µg/L	0,1	---	---	---	---	
MCPA		0	---	µg/L	0,1	---	---	---	---	
Metalaxil / Metalaxil-M		0	---	µg/L	0,1	---	---	---	---	
Metalacloro / S-Metalacloro		0	---	µg/L	0,1	---	---	---	---	
Oxamil		0	---	µg/L	0,1	---	---	---	---	
Simazina		0	---	ug/L	0,1	---	---	---	---	
Dimetilsimazina		0	---	µg/L	0,1	---	---	---	---	
Terbutilazina		0	---	µg/L	0,1	---	---	---	---	
Desetilterbutilazina		0	---	µg/L	0,1	---	---	---	---	
Selénio		0	---	µg/L Se	10	---	---	---	---	
Sódio		0	---	mg/L Na	200	---	62,8	57,1	100	
Sulfatos		0	---	mg/L SO ₄	250	---	115	<10,0	100	
Tetracloroetano		0	---	µg/L	10	---	---	---	---	
Tricloroetileno		0	---	µg/L	10	---	---	---	---	
TOTAL		64								

Legenda

- > Valor superior ao Limite de Quantificação
- < Valor inferior ao Limite de Quantificação
- Abc Valor superior ao limite permitido por lei (valor paramétrico)
- Abc Valor superior / inferior ao recomendado por lei (parâmetros indicadores)

Metodologia de averiguação de causas relativas a incumprimentos:	Causas relativas a incumprimentos:	Medidas corretivas implementadas:
Realização de análises de verificação nos diversos pontos de Controlo Operacional, da Rede de Abastecimento, e no processo de tratamento, na ETA de S Domingos, para comparação de resultados.	A investigação das Causas relativas a incumprimentos, continua em curso, à data de emissão do presente mapa de resultados	Aguardamos a conclusão da análise dos resultados, para implementação das medidas corretivas adequadas.

O Presidente do Conselho de Administração,

Henrique Bertino Batista Antunes

O Diretor Delegado,

Samuel Dinis (engº)

Técnico Responsável

Márcia Reis (engº)