



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Aldeia de Nacomba					Zona de Abastecimento de Parelha						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	4	67	0,10	< 0,10	---	---	4	67	0,16	<0,10	---	---
	Bactérias coliformes (N/100 mL)	0	6	4	67	0	0	100	---	4	67	13	0	50	Segundo parecer do Delegado de Saúde foi efectuada desinfecção com cloro.
	<i>Eschechia coli</i> (N/100 mL)	0	6	4	67	0	0	100	---	4	67	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	2	2	100	< 5,0	< 1,0	100	---	2	100	< 5,0	< 1,0	100	---
	Turvação (UNT)	4	2	2	100	< 1,0	< 0,20	100	---	2	100	< 1,0	< 0,20	100	---
	pH (Unidades de pH)	6,5-9,0	2	2	100	5,7	5,3	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.	2	100	5,7	5,1	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	2	2	100	33	32	100	---	2	100	32	23	100	---
	Amónio (mg/L NH ₄)	0,5	2	2	100	< 0,30	< 0,05	100	---	2	100	< 0,30	0,05	100	---
	Oxidabilidade (mg/L O ₂)	5	2	2	100	2	< 1,0	100	---	2	100	< 1,0	0,6	100	---
	Manganês (µg/L Mn)	50	2	2	100	< 25	7,6	100	---	2	100	38	7,5	100	---
	Cheiro a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	2	100	1	0	100	---
	Sabor a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	2	100	1	0	100	---
	Nitratos (mg/L NO ₃)	50	2	2	100	< 5,0	< 3,2	100	---	2	100	< 5,0	< 3,2	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	2	100	> 300	14	100	---	2	100	1	0	100	---
	n.º de colónias a 22° C (N/mL)	saa	2	2	100	>300	20	100	---	2	100	20	0	100	---
CI	Cloretos (mg/L Cl)	250	1	1	100	5,1	---	100	---	1	100	< 3,0	---	100	---
	Ferro Total (mg/L µg/L Fe)	200	1	1	100	< 100	---	100	---	1	100	< 100	---	100	---
	Sulfatos (mg/L SO ₄)	250	1	1	100	< 5	---	100	---	1	100	< 5	---	100	---
	Alumínio (µg/L Al)	200	1	1	100	8	---	100	---	1	100	46	---	100	---
	Sódio (mg/L Na)	200	1	1	100	4,8	---	100	---	1	100	3,7	---	100	---
	Nitritos (mg/L NO ₂)	0,5	1	1	100	< 0,04	---	100	---	1	100	< 0,04	---	100	---
	Arsénio (µg/L As)	10	1	1	100	< 4,0	---	100	---	1	100	< 4,0	---	100	---
	Boro (mg/L B)	1	1	1	100	< 1,0	---	100	---	1	100	< 1,0	---	100	---
	Cádmio Total (µg/L Cd)	5	1	1	100	< 0,3	---	100	---	1	100	< 0,3	---	100	---
	Chumbo Total (µg/L Pb)	25	1	1	100	< 4,0	---	100	---	1	100	< 4,0	---	100	---
	Cobre Total (mg/L Cu)	2	1	1	100	< 0,2	---	100	---	1	100	< 0,2	---	100	---
	Crómio Total (µg/L Cr)	50	1	1	100	< 1,0	---	100	---	1	100	< 1,0	---	100	---
	Antimónio (µg/L Sb)	5	1	1	100	< 2,0	---	100	---	1	100	< 2,0	---	100	---
	Mercúrio (µg/L Hg)	1	1	1	100	< 0,1	---	100	---	1	100	< 0,1	---	100	---
	Dureza total (mg/L CaCO ₃)	---	1	1	100	< 31,5	---	---	---	1	100	< 31,5	---	---	---
	Cálcio (mg/L Ca)	---	1	1	100	< 6,0	---	---	---	1	100	< 6,0	---	---	---
	Magnésio Total (mg/L Mg)	---	1	1	100	< 4,0	---	---	---	1	100	< 4,0	---	---	---
	Níquel (µg/L Ni)	20	1	1	100	< 2,0	---	100	---	1	100	< 2,0	---	100	---
	Selénio (µg/L Se)	10	1	1	100	< 8,0	---	100	---	1	100	< 8,0	---	100	---
	Cianetos (µg/L CN)	50	1	1	100	< 10	---	100	---	1	100	< 10	---	100	---
	Flúor (mg/L F)	1,5	1	1	100	< 0,10	---	100	---	1	100	< 0,10	---	100	---
	Benzeno (µg/L C ₆ H ₆)	1	1	1	100	< 0,2	---	100	---	1	100	< 0,2	---	100	---
	Bromatos (µg/L BrO ₃)	25	1	1	100	< 1	---	100	---	1	100	< 1,0	---	100	---
	1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)	3	1	1	100	< 0,3	---	100	---	1	100	< 0,3	---	100	---
	Benzo[b]fluoranteno (µg/L BBFLT)	---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
	Benzo[k]fluoranteno (µg/L BKFLT)	---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
	Benzo[a]pireno (µg/L BAPY)	0,01	1	1	100	< 0,01	---	100	---	1	100	< 0,01	---	100	---
	Benzo[g,h,i]perileno (µg/L BGHUPER)	---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
	Indeno[1,2,3-cd]pireno (µg/L IP)	---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
	Clorofórmio (µg/L CHCl ₃)	---	1	1	100	< 0,5	---	---	---	1	100	< 0,5	---	---	---
	Bromofórmio (µg/L CHBr ₃)	---	1	1	100	< 0,5	---	---	---	1	100	< 0,5	---	---	---
	Diclorobromometano (µg/L CHBrCl ₂)	---	1	1	100	< 0,5	---	---	---	1	100	< 0,5	---	---	---
Dibromoclorometano (µg/L CHClBr ₂)	---	1	1	100	< 0,5	---	---	---	1	100	< 0,5	---	---	---	
Tetracloroetano (µg/L Cl ₂ CCl ₂)	10	1	1	100	< 0,1	---	100	---	1	100	< 0,1	---	100	---	
Tricloroetano (µg/L Cl ₂ CCHCl)	10	1	1	100	< 0,1	---	100	---	1	100	< 0,1	---	100	---	
<i>Enterococos</i> (N/100 mL)	0	1	1	100	0	---	100	---	1	100	0	---	100	---	
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	1	100	0	---	100	---	



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Quinta dos Caetanos					Zona de Abastecimento de Porto da Nave						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	5	83	1,43	< 0,1	---	---	5	83	0,46	0,1	---	---
	Bactérias coliformes (N/100 mL)	0	6	5	83	> 100	0	60	Inteção física na captação e colocação de doseador de cloro automático.	5	83	1	0	80	Segundo parecer do Delegado de Saúde foi efectuada desinfeção com cloro.
	<i>Eschechia coli</i> (N/100 mL)	0	6	5	83	0	0	100	---	5	83	0	0	100	---
	Cor (mg/L Pt-Co)	20	2	2	100	< 5,0	< 1,0	100	---	2	100	< 5,0	< 1,0	100	---
	Turvação (UNT)	4	2	2	100	< 1,1	< 0,02	100	---	2	100	< 1,0	0,44	100	---
	pH (Unidades de pH)	6,5-9,0	2	2	100	4,8	5	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.	2	100	5,2	5	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.
CR2	Condutividade (µS/cm a 20°C)	2500	2	2	100	25	23	100	---	2	100	50	26	100	---
	Amónio (mg/L NH ₄)	0,5	2	2	100	< 0,30	0,07	100	---	2	100	< 0,30	0,06	100	---
	Oxidabilidade (mg/L O ₂)	5	2	2	100	< 1,0	0,6	100	---	2	100	1,1	< 1,0	100	---
	Manganês (µg/L Mn)	50	2	2	100	25	12,1	100	---	2	100	44	16,6	100	---
	Cheiro a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	2	100	1	0	100	---
	Sabor a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	2	100	1	0	100	---
	Nitratos (mg/L NO ₃)	50	2	2	100	< 3,2	< 5,0	100	---	2	100	10,1	< 3,2	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	2	100	5	0	100	---	2	100	> 300	0	100	---
	n.º de colónias a 22° C (N/mL)	saa	2	2	100	84	62	100	---	2	100	271	0	100	---
	CI	Cloretos (mg/L Cl)	250	1	1	100	4,5	---	100	---	1	100	3,7	---	100
Ferro Total (mg/L µg/L Fe)		200	1	1	100	< 100	---	100	---	1	100	139	---	100	---
Sulfatos (mg/L SO ₄)		250	1	1	100	< 5	---	100	---	1	100	< 5	---	100	---
Alumínio (µg/L Al)		200	1	1	100	180	---	100	---	1	100	170	---	100	---
Sódio (mg/L Na)		200	1	1	100	3,8	---	100	---	1	100	3,6	---	100	---
Nitritos (mg/L NO ₂)		0,5	1	1	100	< 0,04	---	100	---	1	100	< 0,04	---	100	---
Arsénio (µg/L As)		10	1	1	100	< 4,0	---	100	---	1	100	< 4,0	---	100	---
Boro (mg/L B)		1	1	1	100	< 1,0	---	100	---	1	100	< 1,0	---	100	---
Cádmio Total (µg/L Cd)		5	1	1	100	< 0,2	---	100	---	1	100	< 0,3	---	100	---
Chumbo Total (µg/L Pb)		25	1	1	100	< 4,0	---	100	---	1	100	< 4,0	---	100	---
Cobre Total (mg/L Cu)		2	1	1	100	< 0,2	---	100	---	1	100	< 0,2	---	100	---
Crómio Total (µg/L Cr)		50	1	1	100	< 1,0	---	100	---	1	100	< 1,0	---	100	---
Antimónio (µg/L Sb)		5	1	1	100	< 2,0	---	100	---	1	100	< 2,0	---	100	---
Mercúrio (µg/L Hg)		1	1	1	100	< 0,1	---	100	---	1	100	< 0,1	---	100	---
Dureza total (mg/L CaCO ₃)		---	1	1	100	< 31,5	---	---	---	1	100	< 31,5	---	---	---
Cálcio (mg/L Ca)		---	1	1	100	< 6,0	---	---	---	1	100	< 6,0	---	---	---
Magnésio Total (mg/L Mg)		---	1	1	100	< 4,0	---	---	---	1	100	< 4,0	---	---	---
Níquel (µg/L Ni)		20	1	1	100	< 2,0	---	100	---	1	100	< 2,0	---	100	---
Selénio (µg/L Se)		10	1	1	100	< 8,0	---	100	---	1	100	< 8,0	---	100	---
Cianetos (µg/L CN)		50	1	1	100	< 10	---	100	---	1	100	< 10	---	100	---
Flúor (mg/L F)		1,5	1	1	100	< 0,10	---	100	---	1	100	< 0,10	---	100	---
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	< 0,2	---	100	---	1	100	< 0,2	---	100	---
Bromatos (µg/L BrO ₃)		25	1	1	100	< 1,0	---	100	---	1	100	< 1,0	---	100	---
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	< 0,3	---	100	---	1	100	< 0,3	---	100	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	< 0,01	---	100	---	1	100	< 0,01	---	100	---
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	< 0,01	---	---	---	1	100	< 0,01	---	---	---
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	< 0,5	---	---	---	1	100	11	---	---	---
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	< 0,5	---	---	---	1	100	< 0,5	---	---	---
Diclorobromometano (µg/L CHBrCl ₂)		---	1	1	100	< 0,5	---	---	---	1	100	6,3	---	---	---
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	< 0,5	---	---	---	1	100	2,4	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)		10	1	1	100	< 0,1	---	100	---	1	100	< 0,1	---	100	---
Tricloroetano (µg/L Cl ₂ CCHCl)		10	1	1	100	< 0,1	---	100	---	1	100	< 0,1	---	100	---
<i>Enterococos</i> (N/100 mL)		0	1	1	100	0	---	100	---	1	100	0	---	100	---
<i>Clostridium perfringens</i> (N/100 mL)		0	1	1	100	2	---	0	Não foram implementadas medidas correctivas	1	100	0	---	100	---



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Espinheiro					Zona de Abastecimento de Sarzedo						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	5	83	0,37	< 0,10	---	---	5	83	0,78	0,1	---	---
	Bactérias coliformes (N/100 mL)	0	6	5	83	2	0	80	Segundo parecer do Delegado de Saúde foi efectuada desinfecção com cloro.	5	83	0	0	100	---
	<i>Eschechia coli</i> (N/100 mL)	0	6	5	83	0	0	100	---	5	83	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	2	1	50	< 5,0	---	100	---	1	50	<5,0	---	100	---
	Turvação (UNT)	4	2	1	50	<1,0	---	100	---	1	50	<1,0	---	100	---
	pH (Unidades de pH)	6,5-9,0	2	1	50	5	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.	1	50	5,8	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	2	1	50	28	---	100	---	1	50	70	---	100	---
	Amónio (mg/L NH ₄)	0,5	2	1	50	0,06	---	100	---	1	50	<0,05	---	100	---
	Oxidabilidade (mg/L O ₂)	5	2	1	50	<0,5	---	100	---	1	50	<0,5	---	100	---
	Manganês (µg/L Mn)	50	2	1	50	27	---	100	---	1	50	<15	---	100	---
	Cheiro a 25° C (factor de diluição)	3	2	1	50	1	---	100	---	1	50	2	---	100	---
	Sabor a 25° C (factor de diluição)	3	2	1	50	1	---	100	---	1	50	2	---	100	---
	Nitratos (mg/L NO ₃)	50	2	1	50	5,5	---	100	---	1	50	14	---	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	1	50	0	---	100	---	1	50	0	---	---	---
	n.º de colónias a 22° C (N/mL)	saa	2	1	50	0	---	100	---	1	50	0	---	---	---
	CI	Cloretos (mg/L Cl)	250	1	1	100	62,7	---	100	---	0	0	---	---	---
Ferro Total (mg/L µg/L Fe)		200	1	1	100	<50	---	100	---	0	0	---	---	---	---
Sulfatos (mg/L SO ₄)		250	1	1	100	<2,0	---	100	---	0	0	---	---	---	---
Alumínio (µg/L Al)		200	1	1	100	41	---	100	---	0	0	---	---	---	---
Sódio (mg/L Na)		200	1	1	100	<5,0	---	100	---	0	0	---	---	---	---
Nitritos (mg/L NO ₂)		0,5	1	1	100	<0,02	---	100	---	0	0	---	---	---	---
Arsénio (µg/L As)		10	1	1	100	<3,0	---	100	---	0	0	---	---	---	---
Boro (mg/L B)		1	1	1	100	<0,25	---	100	---	0	0	---	---	---	---
Cádmio Total (µg/L Cd)		5	1	1	100	<1,0	---	100	---	0	0	---	---	---	---
Chumbo Total (µg/L Pb)		25	1	1	100	<7,0	---	100	---	0	0	---	---	---	---
Cobre Total (mg/L Cu)		2	1	1	100	<0,10	---	100	---	0	0	---	---	---	---
Crómio Total (µg/L Cr)		50	1	1	100	<5,0	---	100	---	0	0	---	---	---	---
Antimónio (µg/L Sb)		5	1	1	100	<4,0	---	100	---	0	0	---	---	---	---
Mercurio (µg/L Hg)		1	1	1	100	<0,5	---	100	---	0	0	---	---	---	---
Dureza total (mg/L CaCO ₃)		---	1	1	100	8,0	---	---	---	0	0	---	---	---	---
Cálcio (mg/L Ca)		---	1	1	100	<5	---	---	---	0	0	---	---	---	---
Magnésio Total (mg/L Mg)		---	1	1	100	<2,0	---	---	---	0	0	---	---	---	---
Níquel (µg/L Ni)		20	1	1	100	<6,0	---	100	---	0	0	---	---	---	---
Selénio (µg/L Se)		10	1	1	100	<6,0	---	100	---	0	0	---	---	---	---
Cianetos (µg/L CN)		50	1	1	100	<12	---	100	---	0	0	---	---	---	---
Fluoretos (mg/L F)		1,5	1	1	100	<0,3	---	100	---	0	0	---	---	---	---
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	<0,1	---	100	---	0	0	---	---	---	---
Bromatos (µg/L BrO ₃)		25	1	1	100	<0,2	---	100	---	0	0	---	---	---	---
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	<0,1	---	100	---	0	0	---	---	---	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	<0,005	---	---	---	0	0	---	---	---	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	<0,005	---	---	---	0	0	---	---	---	---
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	<0,005	---	100	---	0	0	---	---	---	---
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	<0,005	---	---	---	0	0	---	---	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	<0,010	---	---	---	0	0	---	---	---	---
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	4,1	---	---	---	0	0	---	---	---	---
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	0,2	---	---	---	0	0	---	---	---	---
Diclorobromometano (µg/L CHBrCl ₂)		---	1	1	100	1	---	---	---	0	0	---	---	---	---
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	0,4	---	---	---	0	0	---	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)		10	1	1	100	<0,1	---	100	---	0	0	---	---	---	---
Tricloroetano (µg/L Cl ₂ CCHCl)	10	1	1	100	<0,1	---	100	---	0	0	---	---	---	---	
<i>Enterococos</i> (N/100 mL)	0	1	1	100	0	---	100	---	0	0	---	---	---	---	
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	0	0	---	---	---	---	



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	n.º de análises previstas no PCQA	Zona de Abastecimento de Castelo					Zona de Abastecimento de Nagosa						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% análises que cumprem VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% análises que cumprem VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	5	83	1,55	0,29	---	---	5	83	0,14	< 0,10	---	---
	Bactérias coliformes (N/100 mL)	0	6	5	83	0	0	100	---	5	83	53	0	40	Segundo parecer do Delegado de Saúde foi efectuada desinfecção com cloro.
	<i>Eschechia coli</i> (N/100 mL)	0	6	5	83	0	0	100	---	5	83	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	2	1	50	<5,0	---	100	---	2	100	< 1,0	<5,0	100	---
	Turvação (UNT)	4	2	1	50	<1,0	---	100	---	2	100	< 0,20	<1,0	100	---
	pH (Unidades de pH)	6,5-9,0	2	1	50	5,5	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde	2	100	6,3	6,4	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por
	Condutividade (µS/cm a 20°C)	2500	2	1	50	33	---	100	---	2	100	50	48	100	---
	Amónio (mg/L NH ₄)	0,5	2	1	50	<0,05	---	100	---	2	100	< 0,30	<0,06	100	---
	Oxidabilidade (mg/L O ₂)	5	2	1	50	<0,5	---	100	---	2	100	< 1,0	<0,6	100	---
	Manganês (µg/L Mn)	50	2	1	50	<15	---	100	---	2	100	3,1	<25	100	---
	Cheiro a 25° C (factor de diluição)	3	2	1	50	3	---	100	---	2	100	0	1	100	---
	Sabor a 25° C (factor de diluição)	3	2	1	50	3	---	100	---	2	100	0	1	100	---
	Nitratos (mg/L NO ₃)	50	2	1	50	<5,0	---	100	---	2	100	< 3,2	<5,0	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	1	50	0	---	100	---	2	100	36	>300	100	---
	n.º de colónias a 22° C (N/mL)	saa	2	1	50	0	---	100	---	2	100	110	>300	100	---
	CI	Cloretos (mg/L Cl)	250	1	1	100	5,3	---	100	---	1	100	7,5	---	100
Ferro Total (mg/L µg/L Fe)		200	1	1	100	<50	---	100	---	1	100	< 100	---	100	---
Sulfatos (mg/L SO ₄)		250	1	1	100	<2,0	---	100	---	1	100	< 5	---	100	---
Alumínio (µg/L Al)		200	1	1	100	<40	---	100	---	1	100	13	---	100	---
Sódio (mg/L Na)		200	1	1	100	<5,0	---	100	---	1	100	7,9	---	100	---
Nitritos (mg/L NO ₂)		0,5	1	1	100	<0,02	---	100	---	1	100	< 0,04	---	100	---
Arsénio (µg/L As)		10	1	1	100	<3,0	---	100	---	1	100	4,9	---	100	---
Boro (mg/L B)		1	1	1	100	<0,25	---	100	---	1	100	< 1,0	---	100	---
Cádmio Total (µg/L Cd)		5	1	1	100	<1,0	---	100	---	1	100	< 0,3	---	100	---
Chumbo Total (µg/L Pb)		25	1	1	100	<7,0	---	100	---	1	100	< 4,0	---	100	---
Cobre Total (mg/L Cu)		2	1	1	100	<0,10	---	100	---	1	100	< 0,2	---	100	---
Crómio Total (µg/L Cr)		50	1	1	100	<5,0	---	100	---	1	100	< 1,0	---	100	---
Antimónio (µg/L Sb)		5	1	1	100	<4,0	---	100	---	1	100	< 2,0	---	100	---
Mercurio (µg/L Hg)		1	1	1	100	<0,5	---	100	---	1	100	< 0,1	---	100	---
Dureza total (mg/L CaCO ₃)		---	1	1	100	<5	---	---	---	1	100	< 31,5	---	---	---
Cálcio (mg/L Ca)		---	1	1	100	3,2	---	---	---	1	100	< 6,0	---	---	---
Magnésio Total (mg/L Mg)		---	1	1	100	<2,0	---	---	---	1	100	< 4,0	---	---	---
Níquel (µg/L Ni)		20	1	1	100	<6,0	---	100	---	1	100	< 2,0	---	100	---
Selénio (µg/L Se)		10	1	1	100	<6,0	---	100	---	1	100	< 8,0	---	100	---
Cianetos (µg/L CN)		50	1	1	100	<12	---	100	---	1	100	< 10	---	100	---
Fluoretos (mg/L F)		1,5	1	1	100	<0,3	---	100	---	1	100	< 0,10	---	100	---
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	<0,1	---	100	---	1	100	< 0,2	---	100	---
Bromatos (µg/L BrO ₃)		25	1	1	100	<2,5	---	100	---	1	100	< 1,0	---	100	---
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	<0,1	---	100	---	1	100	< 0,3	---	100	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	<0,005	---	---	---	1	100	< 0,01	---	---	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	<0,005	---	---	---	1	100	< 0,01	---	---	---
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	<0,005	---	100	---	1	100	< 0,01	---	100	---
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	<0,005	---	---	---	1	100	< 0,01	---	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	<0,010	---	---	---	1	100	< 0,01	---	---	---
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	36	---	---	---	1	100	< 1	---	---	---
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	0,1	---	---	---	1	100	< 0,5	---	---	---
Bromodichlorometano (µg/L CHBrCl ₂)		---	1	1	100	7,2	---	---	---	1	100	<0,5	---	---	---
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	1,3	---	---	---	1	100	<0,5	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)		10	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
Tricloroetano (µg/L Cl ₂ CCHCl)		10	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
<i>Enterococos</i> (N/100 mL)		0	1	1	100	0	---	100	---	1	100	0	---	100	---
<i>Clostridium perfringens</i> (N/100 mL)		0	1	1	100	0	---	100	---	1	100	0	---	100	---
captana		0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---
dimetoato		0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---
atrazina		0,1	1	1	100	<0,05	---	1000	---	---	---	---	---	---	---
desetilatrazina	0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---	
cimoxanil	0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---	
mancozebe	0,1	1	1	100	<0,1	---	100	---	---	---	---	---	---	---	
diurão	0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---	
linurão	0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---	
paraquato	0,1	1	1	100	<0,1	---	100	---	---	---	---	---	---	---	
terbutilazina	0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---	
desetilterbutilazina	0,1	1	1	100	<0,05	---	100	---	---	---	---	---	---	---	



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Ariz					Zona de Abastecimento de Segões						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	4	67	0,15	< 0,10	---	---	4	67	0,22	< 0,1	---	---
	Bactérias coliformes (N/100 mL)	0	6	4	67	5	0	75	Segundo parecer do Delegado de Saúde foi efectuada desinfecção com cloro.	4	67	0	0	100	---
	<i>Eschechia coli</i> (N/100 mL)	0	6	4	67	0	0	100	---	4	67	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	2	1	50	<1,0	---	100	---	1	50	<5,0	---	100	---
	Turvação (UNT)	4	2	1	50	<0,20	---	100	---	1	50	<1,0	---	100	---
	pH (Unidades de pH)	6,5-9,0	2	1	50	5,6	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.	1	50	6,3	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	2	1	50	22,0	---	100	---	1	50	49	---	100	---
	Amónio (mg/L NH ₄)	0,5	2	1	50	<0,30	---	100	---	1	50	<0,05	---	100	---
	Oxidabilidade (mg/L O ₂)	5	2	1	50	<1,0	---	100	---	1	50	0,6	---	100	---
	Manganês (µg/L Mn)	50	2	1	50	2,0	---	100	---	1	50	<15	---	100	---
	Cheiro a 25° C (factor de diluição)	3	2	1	50	0,0	---	100	---	1	50	1	---	100	---
	Sabor a 25° C (factor de diluição)	3	2	1	50	0,0	---	100	---	1	50	1	---	100	---
	Nitratos (mg/L NO ₃)	50	2	1	50	<3,2	---	100	---	1	50	<5,0	---	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	1	50	1	---	100	---	1	50	>300	---	---	---
	n.º de colónias a 22° C (N/mL)	saa	2	1	50	53	---	100	---	1	50	> 300	---	---	---
	CI	Cloretos (mg/L Cl)	250	1	1	100	<3,0	---	100	---	0	0	---	---	---
Ferro Total (mg/L µg/L Fe)		200	1	1	100	<100	---	100	---	0	0	---	---	---	---
Sulfatos (mg/L SO ₄)		250	1	1	100	<5	---	100	---	0	0	---	---	---	---
Alumínio (µg/L Al)		200	1	1	100	38	---	100	---	0	0	---	---	---	---
Sódio (mg/L Na)		200	1	1	100	2,9	---	100	---	0	0	---	---	---	---
Nitritos (mg/L NO ₂)		0,5	1	1	100	<0,04	---	100	---	0	0	---	---	---	---
Arsénio (µg/L As)		10	1	1	100	<4,0	---	100	---	0	0	---	---	---	---
Boro (mg/L B)		1	1	1	100	<1,0	---	100	---	0	0	---	---	---	---
Cádmio Total (µg/L Cd)		5	1	1	100	<0,3	---	100	---	0	0	---	---	---	---
Chumbo Total (µg/L Pb)		25	1	1	100	<4,0	---	100	---	0	0	---	---	---	---
Cobre Total (mg/L Cu)		2	1	1	100	<0,2	---	100	---	0	0	---	---	---	---
Crómio Total (µg/L Cr)		50	1	1	100	<1,0	---	100	---	0	0	---	---	---	---
Antimónio (µg/L Sb)		5	1	1	100	<2,0	---	100	---	0	0	---	---	---	---
Mercúrio (µg/L Hg)		1	1	1	100	<0,1	---	100	---	0	0	---	---	---	---
Dureza total (mg/L CaCO ₃)		---	1	1	100	<31,5	---	---	---	0	0	---	---	---	---
Cálcio (mg/L Ca)		---	1	1	100	<6,0	---	---	---	0	0	---	---	---	---
Magnésio Total (mg/L Mg)		---	1	1	100	<4,0	---	---	---	0	0	---	---	---	---
Níquel (µg/L Ni)		20	1	1	100	2,3	---	100	---	0	0	---	---	---	---
Selénio (µg/L Se)		10	1	1	100	<8,0	---	100	---	0	0	---	---	---	---
Cianetos (µg/L CN)		50	1	1	100	<10	---	100	---	0	0	---	---	---	---
Fluoretos (mg/L F)		1,5	1	1	100	<0,10	---	100	---	0	0	---	---	---	---
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	<0,2	---	100	---	0	0	---	---	---	---
Bromatos (µg/L BrO ₃)		25	1	1	100	<1	---	100	---	0	0	---	---	---	---
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	<0,3	---	100	---	0	0	---	---	---	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	<0,01	---	---	---	0	0	---	---	---	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	<0,01	---	---	---	0	0	---	---	---	---
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	<0,01	---	100	---	0	0	---	---	---	---
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	<0,01	---	---	---	0	0	---	---	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	<0,01	---	---	---	0	0	---	---	---	---
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	<0,5	---	---	---	0	0	---	---	---	---
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	<0,5	---	---	---	0	0	---	---	---	---
Diclorobromometano (µg/L CHBrCl ₂)		---	1	1	100	<0,5	---	---	---	0	0	---	---	---	---
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	<0,5	---	---	---	0	0	---	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)		10	1	1	100	<0,1	---	100	---	0	0	---	---	---	---
Tricloroetano (µg/L Cl ₂ CCHCl)		10	1	1	100	<0,1	---	100	---	0	0	---	---	---	---
<i>Enterococos</i> (N/100 mL)		0	1	1	100	0	---	100	---	0	0	---	---	---	---
<i>Clostridium perfringens</i> (N/100 mL)		0	1	1	100	0	---	100	---	0	0	---	---	---	---



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Sr. dos Aflitos					Zona de Abastecimento de Granja do Paiva						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	4	67	0,13	<0,10	---	---	4	67	0,16	< 0,1	---	---
	Bactérias coliformes (N/100 mL)	0	6	4	67	15	0	50	Segundo parecer do Delegado de Saúde foi efectuada desinfeccção com cloro.	4	67	0	0	100	---
	<i>Eschechia coli</i> (N/100 mL)	0	6	4	67	8	0	75	Foi efectuada desinfeccção com cloro.	4	67	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	2	1	50	<5,0	---	100	---	1	50	< 1,0	---	100	---
	Turvação (UNT)	4	2	1	50	<1,0	---	100	---	1	50	1,9	---	100	---
	pH (Unidades de pH)	6,5-9,0	2	1	50	5,6	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.	1	50	5,4	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	2	1	50	37	---	100	---	1	50	45,0	---	100	---
	Amónio (mg/L NH ₄)	0,5	2	1	50	0,16	---	100	---	1	50	<0,30	---	100	---
	Oxidabilidade (mg/L O ₂)	5	2	1	50	2,1	---	100	---	1	50	1,3	---	100	---
	Manganês (µg/L Mn)	50	2	1	50	<15	---	100	---	1	50	11,4	---	100	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.
	Cheiro a 25° C (factor de diluição)	3	2	1	50	1	---	100	---	1	50	0	---	100	---
	Sabor a 25° C (factor de diluição)	3	2	1	50	1	---	100	---	1	50	0	---	100	---
	Nitratos (mg/L NO ₃)	50	2	1	50	<5,0	---	100	---	1	50	< 3,2	---	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	1	50	147	---	100	---	1	50	0	---	100	---
	n.º de colónias a 22° C (N/mL)	saa	2	1	50	>300	---	100	---	1	50	288	---	100	---
	CI	Cloretos (mg/L Cl)	250	1	1	100	4,4	---	100	---	1	100	6,1	---	100
Ferro Total (mg/L µg/L Fe)		200	1	1	100	<50	---	100	---	1	100	195	---	100	---
Sulfatos (mg/L SO ₄)		250	1	1	100	<2,0	---	100	---	1	100	< 5	---	100	---
Alumínio (µg/L Al)		200	1	1	100	<40	---	100	---	1	100	20	---	100	---
Sódio (mg/L Na)		200	1	1	100	<5,0	---	100	---	1	100	6,8	---	100	---
Nitritos (mg/L NO ₂)		0,5	1	1	100	<0,02	---	100	---	1	100	< 0,04	---	100	---
Arsénio (µg/L As)		10	1	1	100	<3,0	---	100	---	1	100	< 4,0	---	100	---
Boro (mg/L B)		1	1	1	100	<0,25	---	100	---	1	100	< 1,0	---	100	---
Cádmio Total (µg/L Cd)		5	1	1	100	<1,0	---	100	---	1	100	< 0,3	---	100	---
Chumbo Total (µg/L Pb)		25	1	1	100	<7,0	---	100	---	1	100	< 4,0	---	100	---
Cobre Total (mg/L Cu)		2	1	1	100	<0,10	---	100	---	1	100	< 0,2	---	100	---
Crómio Total (µg/L Cr)		50	1	1	100	<5,0	---	100	---	1	100	< 1,0	---	100	---
Antimónio (µg/L Sb)		5	1	1	100	<4,0	---	100	---	1	100	< 2,0	---	100	---
Mercurio (µg/L Hg)		1	1	1	100	<0,5	---	100	---	1	100	< 0,1	---	100	---
Dureza total (mg/L CaCO ₃)		---	1	1	100	4,0	---	---	---	1	100	< 31,5	---	---	---
Cálcio (mg/L Ca)		---	1	1	100	<5,0	---	---	---	1	100	< 6,0	---	---	---
Magnésio Total (mg/L Mg)		---	1	1	100	<2,0	---	---	---	1	100	< 4,0	---	---	---
Níquel (µg/L Ni)		20	1	1	100	<6,0	---	100	---	1	100	< 2,0	---	100	---
Selénio (µg/L Se)		10	1	1	100	<6,0	---	100	---	1	100	< 8,0	---	100	---
Cianetos (µg/L CN)		50	1	1	100	<12	---	100	---	1	100	< 10	---	100	---
Fluoretos (mg/L F)		1,5	1	1	100	<0,3	---	100	---	1	100	< 0,10	---	100	---
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	<0,1	---	100	---	1	100	< 0,2	---	100	---
Bromatos (µg/L BrO ₃)		25	1	1	100	<2,5	---	100	---	1	100	3	---	100	---
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	<0,1	---	100	---	1	100	< 0,3	---	100	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	<0,005	---	---	---	1	100	< 0,01	---	---	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	<0,005	---	---	---	1	100	< 0,01	---	---	---
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	<0,005	---	100	---	1	100	< 0,01	---	100	---
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	<0,005	---	---	---	1	100	< 0,01	---	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	<0,010	---	---	---	1	100	< 0,01	---	---	---
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	<0,1	---	---	---	1	100	7,6	---	---	---
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	<0,1	---	---	---	1	100	< 0,5	---	---	---
Diclorobromometano (µg/L CHBrCl ₂)		---	1	1	100	<0,1	---	---	---	1	100	3,8	---	100	---
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	<0,1	---	---	---	1	100	1,1	---	100	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)		10	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
Tricloroetano (µg/L Cl ₂ CCHCl)		10	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
<i>Enterococos</i> (N/100 mL)		0	1	1	100	0	---	100	---	1	100	0	---	100	---
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	1	100	0	---	100	---	



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Vila Chã de Caria					Zona de Abastecimento de Soutosa						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	4	67	2,9	0,17	---	---	4	67	0,18	< 0,1	---	---
	Bactérias coliformes (N/100 mL)	0	6	4	67	0	0	100	---	4	67	12	0	25	Segundo parecer do Delegado de Saúde foi efectuada desinfeção com cloro.
	<i>Eschechia coli</i> (N/100 mL)	0	6	4	67	0	0	100	---	4	67	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	2	2	100	< 5,0	< 1,0	100	---	1	50	<0,5	---	100	---
	Turvação (UNT)	4	2	2	100	< 1,0	< 0,2	100	---	1	50	<1,0	---	100	---
	pH (Unidades de pH)	6,5-9,0	2	2	100	5,8	5,6	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.	1	50	5,9	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	2	2	100	47	39	100	---	1	50	19	---	100	---
	Amónio (mg/L NH ₄)	0,5	2	2	100	< 0,30	0,08	100	---	1	50	<0,05	---	100	---
	Oxidabilidade (mg/L O ₂)	5	2	2	100	1,2	< 1,0	100	---	1	50	<0,5	---	100	---
	Manganês (µg/L Mn)	50	2	2	100	< 25	< 0,8	100	---	1	50	<15	---	100	---
	Cheiro a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	1	50	1	---	100	---
	Sabor a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	1	50	1	---	100	---
	Nitratos (mg/L NO ₃)	50	2	2	100	< 5,0	< 3,2	100	---	1	50	<5,0	---	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	2	100	2	0	---	---	1	50	>300	---	100	---
	n.º de colónias a 22° C (N/mL)	saa	2	2	100	3	0	---	---	1	50	>300	---	100	---
	CI	Cloretos (mg/L Cl)	250	1	1	100	5,6	---	100	---	1	100	2,9	---	100
Ferro Total (mg/L µg/L Fe)		200	1	1	100	< 50	---	100	---	1	100	<50	---	100	---
Sulfatos (mg/L SO ₄)		250	1	1	100	<2,0	---	100	---	1	100	<2,0	---	100	---
Alumínio (µg/L Al)		200	1	1	100	<40	---	100	---	1	100	<40	---	100	---
Sódio (mg/L Na)		200	1	1	100	6,3	---	100	---	1	100	<5,0	---	100	---
Nitritos (mg/L NO ₂)		0,5	1	1	100	<0,02	---	100	---	1	100	0,06	---	100	---
Arsénio (µg/L As)		10	1	1	100	<3,0	---	100	---	1	100	<3,0	---	100	---
Boro (mg/L B)		1	1	1	100	<0,25	---	100	---	1	100	<0,25	---	100	---
Cádmio Total (µg/L Cd)		5	1	1	100	<1,0	---	100	---	1	100	<1,0	---	100	---
Chumbo Total (µg/L Pb)		25	1	1	100	<7,0	---	100	---	1	100	<7,0	---	100	---
Cobre Total (mg/L Cu)		2	1	1	100	<0,10	---	100	---	1	100	<0,10	---	100	---
Crómio Total (µg/L Cr)		50	1	1	100	<5,0	---	100	---	1	100	<5,0	---	100	---
Antimónio (µg/L Sb)		5	1	1	100	<4,0	---	100	---	1	100	<4,0	---	100	---
Mercúrio (µg/L Hg)		1	1	1	100	<0,5	---	100	---	1	100	<0,5	---	100	---
Dureza total (mg/L CaCO ₃)		---	1	1	100	7,0	---	---	---	1	100	<5	---	---	---
Cálcio (mg/L Ca)		---	1	1	100	<5,0	---	---	---	1	100	1,6	---	---	---
Magnésio Total (mg/L Mg)		---	1	1	100	<2,0	---	---	---	1	100	<2,0	---	---	---
Níquel (µg/L Ni)		20	1	1	100	<6,0	---	100	---	1	100	<6,0	---	100	---
Selénio (µg/L Se)		10	1	1	100	<6,0	---	100	---	1	100	<6,0	---	100	---
Cianetos (µg/L CN)		50	1	1	100	<12	---	100	---	1	100	<12	---	100	---
Flúor (mg/L F)		1,5	1	1	100	<0,3	---	100	---	1	100	0,3	---	100	---
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
Bromatos (µg/L BrO ₃)		25	1	1	100	<2,5	---	100	---	1	100	<2,5	---	100	---
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	<0,005	---	---	---	1	100	<0,005	---	---	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	<0,005	---	---	---	1	100	<0,005	---	---	---
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	<0,005	---	100	---	1	100	<0,005	---	100	---
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	<0,005	---	---	---	1	100	<0,005	---	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	<0,010	---	---	---	1	100	<0,010	---	---	---
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	0,2	---	---	---	1	100	<0,1	---	---	---
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	4,7	---	---	---	1	100	<0,1	---	---	---
Diclorobromometano (µg/L CHBrCl ₂)		---	1	1	100	0,3	---	---	---	1	100	<0,1	---	---	---
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	1,2	---	---	---	1	100	<0,1	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)	10	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---	
Tricloroetano (µg/L Cl ₂ CCHCl)	10	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---	
<i>Enterococos</i> (N/100 mL)	0	1	1	100	0	---	100	---	1	100	0	---	100	---	
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	1	100	0	---	100	---	



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Peva					Zona de Abastecimento de S. Martinho							
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas	
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	4	67	0,18	< 0,10	---	---	4	67	0,23	< 0,10	---	---	
	Bactérias coliformes (N/100 mL)	0	6	4	67	0	0	100	---	4	67	2	0	---	Segundo parecer do Delegado de Saúde foi efectuada desinfeção com cloro.	
	<i>Eschechia coli</i> (N/100 mL)	0	6	4	67	0	0	100	---	4	67	0	0	100	---	
CR2	Cor (mg/L Pt-Co)	20	2	2	100	< 5,0	< 1,0	100	---	1	50	< 1,0	---	100	---	
	Turvação (UNT)	4	2	2	100	< 1,0	< 0,20	100	---	1	50	< 0,20	---	100	---	
	pH (Unidades de pH)	6,5-9,0	2	2	100	6,4	6,2	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.	1	50	5,7	---	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.	
	Condutividade (µS/cm a 20°C)	2500	2	2	100	66	21	100	---	1	50	26	---	100	---	
	Amónio (mg/L NH ₄)	0,5	2	2	100	< 0,30	0,05	100	---	1	50	< 0,30	---	100	---	
	Oxidabilidade (mg/L O ₂)	5	2	2	100	1	< 1,0	100	---	1	50	< 1,0	---	100	---	
	Manganês (µg/L Mn)	50	2	2	100	< 25	5,9	100	---	1	50	8,9	---	100	---	
	Cheiro a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	1	50	0	---	100	---	
	Sabor a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	1	50	0	---	100	---	
	Nitratos (mg/L NO ₃)	50	2	2	100	< 5,0	< 3,2	100	---	1	50	< 3,2	---	100	---	
	n.º de colónias a 37° C (N/mL)	saa	2	2	100	0	0	---	---	1	50	2	---	---	---	
	n.º de colónias a 22° C (N/mL)	saa	2	2	100	39	8	---	---	1	50	13	---	---	---	
	CI	Cloretos (mg/L Cl)	250	1	1	100	2,9	---	100	---	0	0	---	---	---	---
		Ferro Total (mg/L µg/L Fe)	200	1	1	100	< 50	---	100	---	0	0	---	---	---	---
		Sulfatos (mg/L SO ₄)	250	1	1	100	< 2,0	---	100	---	0	0	---	---	---	---
Alumínio (µg/L Al)		200	1	1	100	< 40	---	100	---	0	0	---	---	---	---	
Sódio (mg/L Na)		200	1	1	100	< 5,0	---	100	---	0	0	---	---	---	---	
Nitritos (mg/L NO ₂)		0,5	1	1	100	< 0,02	---	100	---	0	0	---	---	---	---	
Arsénio (µg/L As)		10	1	1	100	< 3,0	---	100	---	0	0	---	---	---	---	
Boro (mg/L B)		1	1	1	100	< 0,25	---	100	---	0	0	---	---	---	---	
Cádmio Total (µg/L Cd)		5	1	1	100	< 1,0	---	100	---	0	0	---	---	---	---	
Chumbo Total (µg/L Pb)		25	1	1	100	< 7,0	---	100	---	0	0	---	---	---	---	
Cobre Total (mg/L Cu)		2	1	1	100	< 0,1	---	100	---	0	0	---	---	---	---	
Crómio Total (µg/L Cr)		50	1	1	100	< 5,0	---	100	---	0	0	---	---	---	---	
Antimónio (µg/L Sb)		5	1	1	100	< 4,0	---	100	---	0	0	---	---	---	---	
Mercúrio (µg/L Hg)		1	1	1	100	< 0,5	---	100	---	0	0	---	---	---	---	
Dureza total (mg/L CaCO ₃)		---	1	1	100	9	---	---	---	0	0	---	---	---	---	
Cálcio (mg/L Ca)		---	1	1	100	< 5,0	---	---	---	0	0	---	---	---	---	
Magnésio Total (mg/L Mg)		---	1	1	100	< 2,0	---	---	---	0	0	---	---	---	---	
Níquel (µg/L Ni)		20	1	1	100	< 6,0	---	100	---	0	0	---	---	---	---	
Selénio (µg/L Se)		10	1	1	100	< 6,0	---	100	---	0	0	---	---	---	---	
Cianetos (µg/L CN)		50	1	1	100	< 12	---	100	---	0	0	---	---	---	---	
Flúor (mg/L F)		1,5	1	1	100	< 0,3	---	100	---	0	0	---	---	---	---	
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	< 0,1	---	100	---	0	0	---	---	---	---	
Bromatos (µg/L BrO ₃)		25	1	1	100	< 2,5	---	100	---	0	0	---	---	---	---	
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	< 0,1	---	100	---	0	0	---	---	---	---	
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	< 0,005	---	---	---	0	0	---	---	---	---	
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	< 0,005	---	---	---	0	0	---	---	---	---	
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	< 0,005	---	100	---	0	0	---	---	---	---	
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	< 0,005	---	---	---	0	0	---	---	---	---	
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	< 0,01	---	---	---	0	0	---	---	---	---	
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	< 0,	---	---	---	0	0	---	---	---	---	
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	< 0,1	---	---	---	0	0	---	---	---	---	
Diclorobromometano (µg/L CHBrCl ₂)		---	1	1	100	< 0,1	---	---	---	0	0	---	---	---	---	
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	< 0,1	---	---	---	0	0	---	---	---	---	
Tetracloroetano (µg/L Cl ₂ CCl ₂)		10	1	1	100	< 0,1	---	100	---	0	0	---	---	---	---	
Tricloroetano (µg/L Cl ₂ CCHCl)		10	1	1	100	< 0,1	---	100	---	0	0	---	---	---	---	
<i>Enterococos</i> (N/100 mL)	0	1	1	100	0	---	100	---	0	0	---	---	---	---		
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	0	0	---	---	---	---		



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Paçô					Zona de Abastecimento de Sanfins						
				Análises		Resultados			medidas correctivas efectuadas	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP		Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	5	83	0,55	0,1	---	---	5	83	0,22	< 0,1	---	---
	Bactérias coliformes (N/100 mL)	0	6	5	83	>300	0	60	Segundo parecer do Delegado de Saúde foi efectuada desinfeccção com cloro.	5	83	32	0	80	Segundo parecer do Delegado de Saúde foi efectuada desinfeccção com cloro.
	<i>Eschechia coli</i> (N/100 mL)	0	6	5	83	>300	0	80	---	5	83	1	0	80	Correcção com cloro.
CR2	Cor (mg/L Pt-Co)	20	2	2	100	<5,0	< 1,0	100	---	2	100	< 5,0	< 1,0	100	---
	Turvação (UNT)	4	2	2	100	< 1,0	< 0,2	100	---	2	100	< 1,0	0,47	100	---
	pH (Unidades de pH)	6,5-9,0	2	2	100	6,4	6,3	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.	2	100	6,2	5,9	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	2	2	100	199	89	100	---	2	100	227	205	100	---
	Amónio (mg/L NH ₄)	0,5	2	2	100	<0,30	0,07	100	---	2	100	< 0,30	< 0,05	100	---
	Oxidabilidade (mg/L O ₂)	5	2	2	100	1,2	<1,1	100	---	2	100	1,5	1,1	100	---
	Manganês (µg/L Mn)	50	2	2	100	< 25	<0,9	100	---	2	100	< 25	14,9	100	---
	Cheiro a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	2	100	1	0	100	---
	Sabor a 25° C (factor de diluição)	3	2	2	100	1	0	100	---	2	100	1	0	100	---
	Nitratos (mg/L NO ₃)	50	2	2	100	19,2	17,8	100	---	2	100	29	23,3	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	2	100	0	0	---	---	2	100	24	0	---	---
n.º de colónias a 22° C (N/mL)	saa	2	2	2	100	1	0	---	---	2	100	> 300	0	---	---
CI	Cloretos (mg/L Cl)	250	1	1	100	24,2	---	100	---	1	100	26	---	100	---
	Ferro Total (mg/L µg/L Fe)	200	1	1	100	< 50	---	100	---	1	100	< 50	---	100	---
	Sulfatos (mg/L SO ₄)	250	1	1	100	9,9	---	100	---	1	100	16,6	---	100	---
	Alumínio (µg/L Al)	200	1	1	100	< 40	---	100	---	1	100	< 40	---	100	---
	Sódio (mg/L Na)	200	1	1	100	19,3	---	100	---	1	100	19	---	100	---
	Nitritos (mg/L NO ₂)	0,5	1	1	100	<0,02	---	100	---	1	100	<0,02	---	100	---
	Arsénio (µg/L As)	10	1	1	100	<3,0	---	100	---	1	100	<3,0	---	100	---
	Boro (mg/L B)	1	1	1	100	<0,25	---	100	---	1	100	<0,25	---	100	---
	Cádmio Total (µg/L Cd)	5	1	1	100	<1,0	---	100	---	1	100	<1,0	---	100	---
	Chumbo Total (µg/L Pb)	25	1	1	100	<7,0	---	100	---	1	100	<7,0	---	100	---
	Cobre Total (mg/L Cu)	2	1	1	100	<0,10	---	100	---	1	100	<0,10	---	100	---
	Crómio Total (µg/L Cr)	50	1	1	100	<5,0	---	100	---	1	100	<5,0	---	100	---
	Antimónio (µg/L Sb)	5	1	1	100	<4,0	---	100	---	1	100	<4,0	---	100	---
	Mercurio (µg/L Hg)	1	1	1	100	<0,5	---	100	---	1	100	<0,5	---	100	---
	Dureza total (mg/L CaCO ₃)	---	1	1	100	< 5,0	---	---	---	1	100	44,4	---	---	---
	Cálcio (mg/L Ca)	---	1	1	100	26,5	---	---	---	1	100	8	---	---	---
	Magnésio Total (mg/L Mg)	---	1	1	100	3,8	---	---	---	1	100	4	---	---	---
	Níquel (µg/L Ni)	20	1	1	100	<6,0	---	100	---	1	100	<6,0	---	100	---
	Selénio (µg/L Se)	10	1	1	100	<6,0	---	100	---	1	100	<6,0	---	100	---
	Cianetos (µg/L CN)	50	1	1	100	<12	---	100	---	1	100	<12	---	100	---
	Fluoretos (mg/L F)	1,5	1	1	100	<0,3	---	100	---	1	100	<0,3	---	100	---
	Benzeno (µg/L C ₆ H ₆)	1	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
	Bromatos (µg/L BrO ₃)	25	1	1	100	< 2,5	---	100	---	1	100	< 2,5	---	100	---
	1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)	3	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---
	Benzo[b]fluoranteno (µg/L BBFLT)	---	1	1	100	<0,005	---	---	---	1	100	<0,005	---	---	---
	Benzo[k]fluoranteno (µg/L BKFLT)	---	1	1	100	<0,005	---	---	---	1	100	<0,005	---	---	---
	Benzo[a]pireno (µg/L BAPY)	0,01	1	1	100	<0,005	---	100	---	1	100	<0,005	---	100	---
	Benzo[g,h,i]perileno (µg/L BGHUPER)	---	1	1	100	<0,005	---	---	---	1	100	<0,005	---	---	---
	Indeno[1,2,3-cd]pireno (µg/L IP)	---	1	1	100	<0,010	---	---	---	1	100	<0,010	---	---	---
	Clorofórmio (µg/L CHCl ₃)	---	1	1	100	1,6	---	---	---	1	100	0,2	---	---	---
	Bromofórmio (µg/L CHBr ₃)	---	1	1	100	0,6	---	---	---	1	100	1,5	---	---	---
	Diclorobromometano (µg/L CHBrCl ₂)	---	1	1	100	2,3	---	---	---	1	100	0,6	---	---	---
	Dibromoclorometano (µg/L CHClBr ₂)	---	1	1	100	1,6	---	---	---	1	100	1,4	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)	10	1	1	100	2,3	---	100	---	1	100	< 0,1	---	100	---	
Tricloroetano (µg/L Cl ₂ CCHCl)	10	1	1	100	<0,1	---	100	---	1	100	<0,1	---	100	---	
<i>Enterococos</i> (N/100 mL)	0	1	1	100	0	---	100	---	1	100	0	---	100	---	
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	1	100	0	---	100	---	



Zona de Abastecimento de Semitela									
Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	6	5	83	0,13	< 0,1	---	---
	Bactérias coliformes (N/100 mL)	0	6	5	83	0	0	100	---
	<i>Eschechia coli</i> (N/100 mL)	0	6	5	83	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	2	2	100	< 1,0	< 5,0	100	---
	Turvação (UNT)	4	2	2	100	< 0,20	< 1,0	100	---
	pH (Unidades de pH)	6,5-9,0	2	2	100	5,2	5,9	0	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	2	2	100	30	26	100	---
	Amónio (mg/L NH ₄)	0,5	2	2	100	< 0,30	0,06	100	---
	Oxidabilidade (mg/L O ₂)	5	2	2	100	< 1,0	0,5	100	---
	Manganês (µg/L Mn)	50	2	2	100	54,4	25	50	O Delegado de Saúde não emitiu parecer, pelo que se considerou não existir risco para a saúde humana.
	Cheiro a 25° C (factor de diluição)	3	2	2	100	0	1	100	---
	Sabor a 25° C (factor de diluição)	3	2	2	100	0	1	100	---
	Nitratos (mg/L NO ₃)	50	2	2	100	4,2	< 5,0	100	---
	n.º de colónias a 37° C (N/mL)	saa	2	2	100	183	> 300	100	---
	n.º de colónias a 22° C (N/mL)	saa	2	2	100	>300	> 300	100	---
	CI	Cloretos (mg/L Cl)	250	1	1	100	< 3,0	---	100
Ferro Total (mg/L µg/L Fe)		200	1	1	100	< 100	---	100	---
Sulfatos (mg/L SO ₄)		250	1	1	100	< 5	---	100	---
Alumínio (µg/L Al)		200	1	1	100	55	---	100	---
Sódio (mg/L Na)		200	1	1	100	3,3	---	100	---
Nitritos (mg/L NO ₂)		0,5	1	1	100	< 0,04	---	100	---
Arsénio (µg/L As)		10	1	1	100	< 4,0	---	100	---
Boro (mg/L B)		1	1	1	100	< 1,0	---	100	---
Cádmio Total (µg/L Cd)		5	1	1	100	< 0,3	---	100	---
Chumbo Total (µg/L Pb)		25	1	1	100	< 4,0	---	100	---
Cobre Total (mg/L Cu)		2	1	1	100	< 0,2	---	100	---
Crómio Total (µg/L Cr)		50	1	1	100	< 1,0	---	100	---
Antimónio (µg/L Sb)		5	1	1	100	< 2,0	---	100	---
Mercurio (µg/L Hg)		1	1	1	100	< 0,1	---	100	---
Dureza total (mg/L CaCO ₃)		---	1	1	100	< 31,5	---	---	---
Cálcio (mg/L Ca)		---	1	1	100	< 6,0	---	---	---
Magnésio Total (mg/L Mg)		---	1	1	100	< 4,0	---	---	---
Níquel (µg/L Ni)		20	1	1	100	< 2,0	---	100	---
Selénio (µg/L Se)		10	1	1	100	< 8,0	---	100	---
Cianetos (µg/L CN)		50	1	1	100	< 10	---	100	---
Fluoretos (mg/L F)		1,5	1	1	100	< 0,10	---	100	---
Benzeno (µg/L C ₆ H ₆)		1	1	1	100	< 0,2	---	100	---
Bromatos (µg/L BrO ₃)		25	1	1	100	< 1	---	100	---
1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)		3	1	1	100	< 0,3	---	100	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	1	1	100	< 0,01	---	---	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	1	1	100	< 0,01	---	---	---
Benzo[a]pireno (µg/L BAPY)		0,01	1	1	100	< 0,01	---	100	---
Benzo[g,h,i]perileno (µg/L BGHUPER)		---	1	1	100	< 0,01	---	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	1	1	100	< 0,01	---	---	---
Clorofórmio (µg/L CHCl ₃)		---	1	1	100	< 0,5	---	---	---
Bromofórmio (µg/L CHBr ₃)		---	1	1	100	< 0,5	---	---	---
Diclorobromometano (µg/L CHBrCl ₂)		---	1	1	100	< 0,5	---	---	---
Dibromoclorometano (µg/L CHClBr ₂)		---	1	1	100	< 0,5	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)		10	1	1	100	< 0,1	---	100	---
Tricloroetano (µg/L Cl ₂ CCHCl)		10	1	1	100	< 0,1	---	100	---
<i>Enterococos</i> (N/100 mL)		0	1	1	100	0	---	100	---
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	



Zona de Abastecimento de Sever									
Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	12	9	75	1,84	< 0,1	---	---
	Bactérias coliformes (N/100 mL)	0	12	9	75	51	16	78	Segundo parecer do Delegado de Saúde foi efectuada desinfeção com cloro.
	<i>Eschechia coli</i> (N/100 mL)	0	12	9	75	41	0	89	Foi efectuada restrição no abastecimento e desinfeção com cloro.
CR2	Cor (mg/L Pt-Co)	20	4	3	75	< 5,0	< 1,0	100	---
	Turvação (UNT)	4	4	3	75	< 1,0	< 0,20	100	---
	pH (Unidades de pH)	6,5-9,0	4	3	75	6,1	5,5	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	4	3	75	82	43	100	---
	Amónio (mg/L NH ₄)	0,5	4	3	75	< 0,30	0,06	100	---
	Oxidabilidade (mg/L O ₂)	5	4	3	75	1,3	< 0,5	100	---
	Manganês (µg/L Mn)	50	4	3	75	28,7	0,8	100	---
	Cheiro a 25° C (factor de diluição)	3	4	3	75	1	0	100	---
	Sabor a 25° C (factor de diluição)	3	4	3	75	1	0	100	---
	Nitratos (mg/L NO ₃)	50	4	3	75	9	< 5,0	100	---
	n.º de colónias a 37° C (N/mL)	saa	4	3	75	> 300	0	---	---
n.º de colónias a 22° C (N/mL)	saa	4	3	75	> 300	0	---	---	
CI	Cloretos (mg/L Cl)	250	1	1	100	5,6	---	100	---
	Ferro Total (mg/L µg/L Fe)	200	1	1	100	< 50	---	100	---
	Sulfatos (mg/L SO ₄)	250	1	1	100	< 2,0	---	100	---
	Alumínio (µg/L Al)	200	1	1	100	< 40	---	100	---
	Sódio (mg/L Na)	200	1	1	100	< 5,0	---	100	---
	Nitritos (mg/L NO ₂)	0,5	1	1	100	< 0,02	---	100	---
	Arsénio (µg/L As)	10	1	1	100	< 3,0	---	100	---
	Boro (mg/L B)	1	1	1	100	< 0,25	---	100	---
	Cádmio Total (µg/L Cd)	5	1	1	100	< 1,0	---	100	---
	Chumbo Total (µg/L Pb)	25	1	1	100	< 7,0	---	100	---
	Cobre Total (mg/L Cu)	2	1	1	100	< 0,10	---	100	---
	Crómio Total (µg/L Cr)	50	1	1	100	< 5,0	---	100	---
	Antimónio (µg/L Sb)	5	1	1	100	< 4,0	---	100	---
	Mercúrio (µg/L Hg)	1	1	1	100	< 0,5	---	100	---
	Dureza total (mg/L CaCO ₃)	---	1	1	100	39	---	---	---
	Cálcio (mg/L Ca)	---	1	1	100	< 5	---	---	---
	Magnésio Total (mg/L Mg)	---	1	1	100	< 2,0	---	---	---
	Níquel (µg/L Ni)	20	1	1	100	< 6,0	---	100	---
	Selénio (µg/L Se)	10	1	1	100	< 6,0	---	100	---
	Cianetos (µg/L CN)	50	1	1	100	< 12	---	100	---
	Flúor (mg/L F)	1,5	1	1	100	< 0,3	---	100	---
	Benzeno (µg/L C ₆ H ₆)	1	1	1	100	< 0,1	---	100	---
	Bromatos (µg/L BrO ₃)	25	1	1	100	< 2,5	---	100	---
	1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)	3	1	1	100	< 0,1	---	100	---
	Benzo[b]fluoranteno (µg/L BBFLT)	---	1	1	100	< 0,005	---	---	---
	Benzo[k]fluoranteno (µg/L BKFLT)	---	1	1	100	< 0,005	---	---	---
	Benzo[a]pireno (µg/L BAPY)	0,01	1	1	100	< 0,005	---	100	---
	Benzo[g,h,i]perileno (µg/L BGHUPER)	---	1	1	100	< 0,005	---	---	---
	Indeno[1,2,3-cd]pireno (µg/L IP)	---	1	1	100	< 0,010	---	---	---
	Clorofórmio (µg/L CHCl ₃)	---	1	1	100	0,5	---	---	---
	Bromofórmio (µg/L CHBr ₃)	---	1	1	100	< 0,1	---	---	---
	Bromodichlorometano (µg/L CHBrCl ₂)	---	1	1	100	< 0,1	---	---	---
	Dibromoclorometano (µg/L CHClBr ₂)	---	1	1	100	< 0,1	---	---	---
Tetracloroetano (µg/L Cl ₂ CCl ₂)	10	1	1	100	< 0,1	---	100	---	
Tricloroetano (µg/L Cl ₂ CCHCl)	10	1	1	100	< 0,1	---	100	---	
<i>Enterococos</i> (N/100 mL)	0	1	1	100	0	---	100	---	
<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---	

A Zona de Abastecimento Sever diz respeito às localidades:

Arcas
Barracão
Granjinha
Sever



Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Zona de Abastecimento de Serra da Nave					medidas correctivas efectuadas
				Análises		Resultados			
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	12	9	75	0,49	<0,10	---	---
	Bactérias coliformes (N/100 mL)	0	12	9	75	> 300	0	78	Segundo parecer do Delegado de Saúde foi efectuada desinfeção com cloro.
	<i>Eschechia coli</i> (N/100 mL)	0	12	9	75	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	4	3	75	< 5,0	< 1,0	100	---
	Turvação (UNT)	4	4	3	75	2,5	<0,20	100	---
	pH (Unidades de pH)	6,5-9,0	4	3	75	6,3	4,6	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.
	Condutividade (µS/cm a 20°C)	2500	4	3	75	38	22	100	---
	Amónio (mg/L NH ₄)	0,5	4	3	75	< 0,3	0,05	100	---
	Oxidabilidade (mg/L O ₂)	5	4	3	75	1,3	< 0,5	100	---
	Manganês (µg/L Mn)	50	4	3	75	< 25	< 0,8	100	---
	Cheiro a 25° C (factor de diluição)	3	4	3	75	1	0	100	---
	Sabor a 25° C (factor de diluição)	3	4	3	75	1	0	100	---
	Nitratos (mg/L NO ₃)	50	4	3	75	< 5,0	< 3,2	100	---
	n.º de colónias a 37° C (N/mL)	saa	4	3	75	12	0	100	---
n.º de colónias a 22° C (N/mL)	saa	4	3	75	63	1	100	---	
CI	Cloretos (mg/L Cl)	250	1	1	100	4,3	---	100	---
	Ferro Total (mg/L µg/L Fe)	200	1	1	100	363	---	0	Segundo parecer do Delegado de Saúde não foram implementadas medidas correctivas por não existir risco para a saúde humana.
	Sulfatos (mg/L SO ₄)	250	1	1	100	< 5	---	100	---
	Alumínio (µg/L Al)	200	1	1	100	25	---	100	---
	Sódio (mg/L Na)	200	1	1	100	5,0	---	100	---
	Nitritos (mg/L NO ₂)	0,5	1	1	100	0,27	---	100	---
	Arsénio (µg/L As)	10	1	1	100	< 4,0	---	100	---
	Boro (mg/L B)	1	1	1	100	< 1,0	---	100	---
	Cádmio Total (µg/L Cd)	5	1	1	100	< 0,3	---	100	---
	Chumbo Total (µg/L Pb)	25	1	1	100	7,4	---	100	---
	Cobre Total (mg/L Cu)	2	1	1	100	< 0,2	---	100	---
	Crómio Total (µg/L Cr)	50	1	1	100	< 1,0	---	100	---
	Antimónio (µg/L Sb)	5	1	1	100	< 2,0	---	100	---
	Mercúrio (µg/L Hg)	1	1	1	100	< 0,1	---	100	---
	Dureza total (mg/L CaCO ₃)	---	1	1	100	< 31,5	---	---	---
	Cálcio (mg/L Ca)	---	1	1	100	< 6,0	---	---	---
	Magnésio Total (mg/L Mg)	---	1	1	100	< 4,0	---	---	---
	Níquel (µg/L Ni)	20	1	1	100	< 2,0	---	100	---
	Selénio (µg/L Se)	10	1	1	100	< 8,0	---	100	---
	Cianetos (µg/L CN)	50	1	1	100	< 10	---	100	---
	Flúor (mg/L F)	1,5	1	1	100	< 0,10	---	100	---
	Benzeno (µg/L C ₆ H ₆)	1	1	1	100	< 0,2	---	100	---
	Bromatos (µg/L BrO ₃)	25	1	1	100	< 1	---	100	---
	1,2-dicloroetano (µg/L ClCH ₂ CH ₂ Cl)	3	1	1	100	< 0,3	---	100	---
	Benzo[b]fluoranteno (µg/L BBFLT)	---	1	1	100	< 0,01	---	---	---
	Benzo[k]fluoranteno (µg/L BKFLT)	---	1	1	100	< 0,01	---	---	---
	Benzo[a]pireno (µg/L BAPY)	0,01	1	1	100	< 0,01	---	100	---
	Benzo[g,h,i]perileno (µg/L BGHUPER)	---	1	1	100	< 0,01	---	---	---
	Indeno[1,2,3-cd]pireno (µg/L IP)	---	1	1	100	< 0,01	---	---	---
	Clorofórmio (µg/L CHCl ₃)	---	1	1	100	< 1	---	---	---
	Bromofórmio (µg/L CHBr ₃)	---	1	1	100	< 0,5	---	---	---
	Bromodichlorometano (µg/L CHBrCl ₂)	---	1	1	100	< 0,5	---	---	---
	Dibromoclorometano (µg/L CHClBr ₂)	---	1	1	100	< 0,5	---	---	---
	Tetracloroetano (µg/L Cl ₂ CCl ₂)	10	1	1	100	< 0,1	---	100	---
	Tricloroetano (µg/L Cl ₂ CCHCl)	10	1	1	100	< 0,1	---	100	---
	<i>Enterococos</i> (N/100 mL)	0	1	1	100	0	---	100	---
	<i>Clostridium perfringens</i> (N/100 mL)	0	1	1	100	0	---	100	---

A Zona de Abastecimento Serra da Nave diz respeito às localidades:

Moimenta_parque industrial
 Moimenta_farol
 Alto de Fornos
 Fornos

 Paradinha
 Toitam
 Carapito



Zona de Abastecimento ATMAD									
Tipo de Controlo	Parâmetro	Valor Paramétrico (Dec.-Lei n.º 306/2007)	Nº de análises previstas no PCQA	Análises		Resultados			medidas correctivas efectuadas
				Realizadas	% Realizadas	Máximo obtido	Mínimo obtido	% de análises realizadas que cumprem o VP	
CR1	Cloro residual livre (mg/L Cl ₂)	---	24	18	75	0,57	< 0,1	---	---
	Bactérias coliformes (N/100 mL)	0	24	18	75	0	0	100	---
	<i>Escherichia coli</i> (N/100 mL)	0	24	18	75	0	0	100	---
CR2	Cor (mg/L Pt-Co)	20	12	9	75	< 1,0	< 0,5	100	---
	Turvação (UNT)	4	12	9	75	0,47	< 0,2	100	---
	pH (Unidades de pH)	6,5-9,0	12	9	75	7,9	7,1	100	---
	Condutividade (µS/cm a 20°C)	2500	12	9	75	214,0	112,0	100	---
	Amónio (mg/L NH ₄)	0,5	12	9	75	0,31	< 0,05	100	---
	Oxidabilidade (mg/L O ₂)	5	12	9	75	1	< 0,1	100	---
	Alumínio (µg/L Al)	200	12	9	75	191	14	100	---
	Manganês (µg/L Mn)	50	12	9	75	27,2	1,0	100	---
	Cheiro a 25° C (factor de diluição)	3	12	9	75	1	0	100	---
	Sabor a 25° C (factor de diluição)	3	12	9	75	10	0	100	---
	n.º de colónias a 37° C (N/mL)	saa	12	9	75	>300	0	100	---
	n.º de colónias a 22° C (N/mL)	saa	12	9	75	>300	0	100	---
	<i>Clostridium perfringens</i> (N/100 mL)	0	12	9	75	0	0	100	---
	CI	Ferro Total (mg/L µg/L Fe)	200	2	2	100	< 100	< 50	100
Carbono Orgânico Total (mg/L C)		saa	2	2	100	2	1,1	100	---
Nitritos (mg/L NO ₂)		0,5	2	2	100	< 0,04	< 0,02	100	---
Chumbo Total (µg/L Pb)		25	2	2	100	< 7,0	< 4,0	100	---
Cobre Total (mg/L Cu)		2	2	2	100	< 0,20	< 0,10	100	---
Dureza total (mg/L CaCO ₃)		---	2	2	100	89,8	47,2	---	---
Cálcio (mg/L Ca)		---	2	2	100	36	18,8	---	---
Magnésio Total (mg/L Mg)		---	2	2	100	< 4,0	< 2,0	---	---
Níquel (µg/L Ni)		20	2	2	100	9,1	< 6,0	100	---
Benzo[b]fluoranteno (µg/L BBFLT)		---	2	2	100	< 0,01	< 0,005	100	---
Benzo[k]fluoranteno (µg/L BKFLT)		---	2	2	100	< 0,01	< 0,005	100	---
Benzo[a]pireno (µg/L BAPY)		0,01	2	2	100	< 0,01	< 0,005	100	---
Benzo[g,h,i]perileno (µg/L BGHIPER)		---	2	2	100	< 0,01	< 0,005	---	---
Indeno[1,2,3-cd]pireno (µg/L IP)		---	2	2	100	< 0,01	< 0,010	---	---
Clorofórmio (µg/L CHCl ₃)		---	2	2	100	16	11	---	---
Bromofórmio (µg/L CHBrCl ₂)		---	2	2	100	< 0,5	< 0,1	---	---
Dibromoclorometano (µg/L CHClBr ₂)		---	2	2	100	3,9	1,2	---	---
Bromodiodoclorometano (µg/L CHClBrI ₂)		---	2	2	100	10	4,6	---	---
<i>Enterococos</i> (N/100 mL)		0	2	2	100	0	0	100	---

A Zona de Abastecimento ATMAD diz respeito às localidades:

Alvite	Paraduça
Arcozelo do Cabo	Moimenta da Beira - Este
Arcozelo da Torre	Vila da Rua
Baldos	Granja dos Oleiros
Cabaços	Prados
Caria	Vide
Mileu	Vilar
Vila Cova de Caria	
Leomil	Barragem do Vilar
Beira Valente	

Notas Finais:

- n.º de análises previstas no PQCA = n.º de análises realizadas, corresponde a 100% de análises realizadas
- os incumprimentos microbiológicos verificados prendem-se com a falta de desinfeção nos sistemas de abastecimento onde ocorrem, tendo sido corrigidos com adição manual de cloro.
- os incumprimentos físico- químicos verificados (pH, ferro, manganês) prendem-se com a composição da água captada (influência dos solos) que segundo parecer da autoridade de saúde de Moimenta da Beira não constituem risco para a saúde humana.

- PCQA: Programa de controlo da qualidade da água (2008)
- VP: valor paramétrico. É o valor obrigatório/recomendado por lei.