ADC ÁGUAS DA COVILHÃ

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO[1] DO CONCELHO DA COVILHÃ

EDITAL n.º 1/2017

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 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).

TRIMESTRE
01 de Janeiro
a
31 de Março

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	—	0,5	0,5	—	—	2	2	100%
Alumínio (µg/L Al)	200	<30(l.q.)	<30(l.q.)	0	100%	1	1	100%
Amónio (mg/L NH_4)	0,50	<0,1(l.q.)	<0,1(l.q.)	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	Não detectado	Não detectado	—	—	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	Não detectado	Não detectado	—	—	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	57	57	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%
Cor (mg/L PtCo)	20	<5(l.q.)	<5(l.q.)	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	6,7	6,7	0	100%	1	1	100%
Ferro (µg/L Fe)	200	<40(l.q.)	<40(l.q.)	0	100%	1	1	100%
Manganês (µg/L Mn)	50	<20(l.q.)	<20(l.q.)	0	100%	1	1	100%
Nitratos[2] (mg/L NO_3)	50	<4(l.q)	<4(l.q)	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	<0,04(l.q.)	<0,04(l.q.)	0	100%	1	1	100%
Oxidabilidade (mg/L O_2)	5	<1,9(l.q.)	<1,9(l.q.)	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,5(l.q.)	<0,5(l.q.)	0	100%	1	1	100%
Antimónio[2] (µg/L Sb)	5	—	—	—	—	0	0	—
Arsénio[2] (µg/L As)	10	—	—	—	—	0	0	—
Benzeno[2] (µg/L)	1,0	—	—	—	—	0	0	—
Benzo(a)pireno (µg/L)	0,010	<0,006(l.q.)	<0,006(l.q.)	0	100%	1	1	100%
Boro[2] (mg/L B)	1,0	—	—	—	—	0	0	—
Bromatos[2] (µg/L BrO_3)	10	—	—	—	—	0	0	—
Cádmio[2] (µg/L Cd)	5,0	—	—	—	—	0	0	—
Cálcio (mg/L Ca)	—	7,2	7,2	0	—	1	1	100%
Chumbo (µg/L Pb)	25	<1,0(l.q.)	<1,0(l.q.)	0	100%	1	1	100%
Cianetos[2] (µg/L CN)	50	—	—	—	—	0	0	—
Cobre (mg/L Cu)	2,0	<0,010(l.q.)	<0,010(l.q.)	0	100%	1	1	100%
Crómio[2] (µg/L Cr)	50	—	—	—	—	0	0	—
1,2 – dicloroetano[2] (µg/L)	3,0	—	—	—	—	0	0	—
Dureza total (mg/L CaCO3)	—	18	18	0	—	1	1	100%
Enterococos (N/100 mL)	0	0	0	0	100%	1	1	100%
Fluoretos[2] (mg/L F)	1,5	—	—	—	—	0	0	—
Magnésio (mg/L Mg)	—	<2,0(l.q.)	<2,0(l.q.)	0	—	1	1	100%
Mercúrio[2] (µg/L Hg)	1	—	—	—	—	0	0	—
Níquel (µg/L Ni)	20	<5(l.q.)	<5(l.q.)	0	100%	1	1	100%
Selénio[2] (µg/L Se)	10	—	—	—	—	0	0	—
Cloretos[2] (mg/L Cl)	250	—	—	—	—	0	0	—
Sódio[2] (mg/L Na)	200	—	—	—	—	0	0	—
Sulfatos[2] (mg/L SO_4)	250	—	—	—	—	0	0	—
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	—	—	—	—	—	—	—
Tetracloroeteno e Tricloroeteno[2] (µg/L):	10	—	—	—	—	0	0	—
Tetracloroeteno[2](µg/L)	—	—	—	—	—	0	0	—
Tricloroeteno[2](µg/L)	—	—	—	—	—	0	0	—
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	<0,012(l.q.)	<0,012(l.q.)	0	100%	1	1	100%
Benzo(b)fluoranteno (µg/L)	—	<0,006(l.q.)	<0,006(l.q.)	—	—	1	1	100%
Benzo(k)fluoranteno (µg/L)	—	<0,006(l.q.)	<0,006(l.q.)	—	—	1	1	100%
Benzo(ghi)perileno (µg/L)	—	<0,006(l.q.)	<0,006(l.q.)	—	—	1	1	100%
Indeno(1,2,3-cd)pireno(µg/L)	—	<0,012(l.q.)	<0,012(l.q.)	—	—	1	1	100%
Trihalometanos - total (µg/L):	100	2,07	2,07	0	100%	1	1	100%
Clorofórmio(µg/L)	—	0,72	0,72	—	—	1	1	100%
Bromofórmio(µg/L)	—	0,78	0,78	—	—	1	1	100%
Bromodiclorometano(µg/L)	—	0,57	0,57	—	—	1	1	100%
Dibromoclorometano(µg/L)	—	<0,20(l.q.)	<0,20(l.q.)	—	—	1	1	100%
Pesticidas[2] – total (µg/L)	0,50	—	—	—	—	0	0	—
Desetilaterbutilazina[2] (µg/L)	0,10	—	—	—	—	0	0	—
Terbutilazina[2] (µg/L)	0,10	—	—	—	—	0	0	—
Ometoato[2] (µg/L)	0,10	—	—	—	—	0	0	—
Alfa Total (Bq/L)	0,15	—	—	—	—	0	0	—
Beta Total[2] (Bq/L)	1	—	—	—	—	0	0	—
Dose Indicativa[2] (mSv/ano)	0,10	—	—	—	—	0	0	—
Radão[2] (Bq/L)	500	89,2	89,2	0	100%	1	1	100%

NOTA 1: Zonas de abastecimento controladas: ALDEIA DO SOUTO

NOTA 2: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):
Não se verificaram situações de incumprimento

O Administrador Executivo:

(João Carlos Izidoro Marques)

Data da publicitação: 23/05/2017

ADC ÁGUAS DA COVILHÃ

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO[1] DO CONCELHO DA COVILHÃ

EDITAL n.º 2/2017

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 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).

2º TRIMESTRE
01 de Abril
a
30 de Junho

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	1	1	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%
Desinfetante residual (mg/L)	---	0,4	0,4	---	---	1	1	100%
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/L NH_4)	0,50	---	---	---	---	0	0	---
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---
Condutividade (µS/cm a 20ºC)	2500	---	---	---	---	0	0	---
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Cor (mg/L PtCo)	20	---	---	---	---	0	0	---
pH (Unidades pH)	≥6,5 e ≤9	---	---	---	---	0	0	---
Ferro (µg/L Fe)	200	---	---	---	---	0	0	---
Manganês (µg/L Mn)	50	---	---	---	---	0	0	---
Nitratos[2] (mg/L NO_3)	50	---	---	---	---	0	0	---
Nitritos (mg/L NO_2)	0,5	---	---	---	---	0	0	---
Oxidabilidade (mg/L O_2)	5	---	---	---	---	0	0	---
Cheiro a 25ºC (Factor de diluição)	3	---	---	---	---	0	0	---
Sabor a 25ºC (Factor de diluição)	3	---	---	---	---	0	0	---
Turvação (NTU)	4	---	---	---	---	0	0	---
Antimónio[2] (µg/L Sb)	5	---	---	---	---	0	0	---
Arsénio[2] (µg/L As)	10	---	---	---	---	0	0	---
Benzeno[2] (µg/L)	1,0	---	---	---	---	0	0	---
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro[2] (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos[2] (µg/L BrO_3)	10	---	---	---	---	0	0	---
Cádmio[2] (µg/L Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	25	---	---	---	---	0	0	---
Cianetos[2] (µg/L CN)	50	---	---	---	---	0	0	---
Cobre (mg/L Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano[2] (µg/L)	3,0	---	---	---	---	0	0	---
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	0	---
Enterococos (N/100 mL)	0	---	---	---	---	0	0	---
Fluoretos[2] (mg/L F)	1,5	---	---	---	---	0	0	---
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercúrio[2] (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---
Selénio[2] (µg/L Se)	10	---	---	---	---	0	0	---
Cloretos[2] (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio[2] (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos[2] (mg/L SO_4)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	---	---	---
Tetracloroeteno e Tricloroeteno[2] (µg/L):	10	---	---	---	---	0	0	---
Tetracloroeteno[2](µg/L)	---	---	---	---	---	0	0	---
Tricloroeteno[2](µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	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	---
Trihalometanos - total (µg/L):	100	---	---	---	---	0	0	---
Clorofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/L)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/L)	---	---	---	---	---	0	0	---
Pesticidas[2] – total (µg/L)	0,50	---	---	---	---	0	0	---
Desetilatrazina[2] (µg/L)	0,10	---	---	---	---	0	0	---
Desetilaterbutilazina[2] (µg/L)	0,10	---	---	---	---	0	0	---
Diurão[2] (µg/L)	0,10	---	---	---	---	0	0	---
Terbutilazina[2] (µg/L)	0,10	---	---	---	---	0	0	---
Ometoato[2] (µg/L)	0,10	---	---	---	---	0	0	---
Alfa Total (Bq/L)	0,15	---	---	---	---	0	0	---
Beta Total[2] (Bq/L)	1	---	---	---	---	0	0	---
Dose Indicativa[2] (mSv/ano)	0,10	---	---	---	---	0	0	---
Radão[2] (Bq/L)	500	---	---	---	---	0	0	---

NOTA 1: Zonas de abastecimento controladas: ALDEIA DO SOUTO

NOTA 2: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):
Não se verificaram situações de incumprimento

O Administrador Executivo:
(José Miguel Oliveira)

Data da publicitação: 07/08/2017

ADC ÁGUAS DA COVILHÃ

CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO[1] DO CONCELHO DA COVILHÃ

EDITAL n.º 3/2017

Em conformidade com o Decreto-Lei n.º 306/2007, de 27 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).

3 º TRIMESTRE
01 de Julho
a
30 de Setembro

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	2	2	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	2	2	100%
Desinfetante residual (mg/L)	---	0,2	0,4	---	---	2	2	100%
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/L NH_4)	0,50	<0,1(l.q.)	<0,1(l.q.)	0	100%	1	1	100%
Número de colónias a 22 ºC (N/ml)	Sem alteração anormal	Não detectado	Não detectado	---	---	1	1	100%
Número de colónias a 37 ºC (N/ml)	Sem alteração anormal	Não detectado	Não detectado	---	---	1	1	100%
Condutividade (µS/cm a 20ºC)	2500	80	80	0	100%	1	1	100%
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Cor (mg/L PtCo)	20	<5(l.q.)	<5(l.q.)	0	100%	1	1	100%
pH (Unidades pH)	≥6,5 e ≤9	7,3 (22 ºC)	7,3 (22 ºC)	0	100%	1	1	100%
Ferro (µg/L Fe)	200	---	---	---	---	0	0	---
Manganês (µg/L Mn)	50	<20(l.q.)	<20(l.q.)	0	100%	1	1	100%
Nitratos[2] (mg/L NO_3)	50	<4(l.q.)	<4(l.q.)	0	100%	1	1	100%
Nitritos (mg/L NO_2)	0,5	---	---	---	---	0	0	---
Oxidabilidade (mg/L O_2)	5	<1,9(l.q.)	<1,9(l.q.)	0	100%	1	1	100%
Cheiro a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Sabor a 25ºC (Factor de diluição)	3	<1	<1	0	100%	1	1	100%
Turvação (NTU)	4	<0,5(l.q.)	<0,5(l.q.)	0	100%	1	1	100%
Antimónio[2] (µg/L Sb)	5	<1,0(l.q.)	<1,0(l.q.)	0	100%	1	1	100%
Arsénio[2] (µg/L As)	10	5,2	5,2	0	100%	1	1	100%
Benzeno[2] (µg/L)	1,0	<0,20(l.q.)	<0,20(l.q.)	0	100%	1	1	100%
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro[2] (mg/L B)	1,0	<0,010(l.q.)	<0,010(l.q.)	0	100%	1	1	100%
Bromatos[2] (µg/L BrO_3)	10	<5,0(l.q.)	<5,0(l.q.)	0	100%	1	1	100%
Cádmio[2] (µg/L Cd)	5,0	<0,40(l.q.)	<0,40(l.q.)	0	100%	1	1	100%
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	25	---	---	---	---	0	0	---
Cianetos[2] (µg/L CN)	50	<5(l.q.)	<5(l.q.)	0	100%	1	1	100%
Cobre (mg/L Cu)	2,0	---	---	---	---	0	0	---
Crómio (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 – dicloroetano[2] (µg/L)	3,0	<0,750(l.q.)	<0,750(l.q.)	0	100%	1	1	100%
Dureza total (mg/L CaCO3)	---	---	---	---	---	0	0	---
Enterococos (N/100 mL)	0	---	---	---	---	0	0	---
Fluoretos[2] (mg/L F)	1,5	<0,4(l.q.)	<0,4(l.q.)	0	100%	1	1	100%
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercúrio[2] (µg/L Hg)	1	<0,010(l.q.)	<0,010(l.q.)	0	100%	1	1	100%
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---
Selénio[2] (µg/L Se)	10	<1,0(l.q.)	<1,0(l.q.)	0	100%	1	1	100%
Cloretos[2] (mg/L Cl)	250	4,2	4,2	0	100%	1	1	100%
Sódio[2] (mg/L Na)	200	7,42	7,42	0	100%	1	1	100%
Sulfatos[2] (mg/L SO_4)	250	<10(l.q.)	<10(l.q.)	0	100%	1	1	100%
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Tetracloroeteno e Tricloroeteno[2] (µg/L):	10	<0,30(l.q.)	<0,30(l.q.)	0	100%	1	1	100%
Tetracloroeteno[2](µg/L)	---	<0,10(l.q.)	<0,10(l.q.)	---	---	1	1	100%
Tricloroeteno[2](µg/L)	---	<0,20(l.q.)	<0,20(l.q.)	---	---	1	1	100%
Hidrocarbonetos Aromáticos Policíclicos (µg/L):	0,10	---	---	---	---	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	---
Trihalometanos - total (µg/L):	100	---	---	---	---	0	0	---
Clorofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromofórmio(µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano(µg/L)	---	---	---	---	---	0	0	---
Dibromoclorometano(µg/L)	---	---	---	---	---	0	0	---
Pesticidas[2] – total (µg/L)	0,50	<0,10(l.q.)	<0,10(l.q.)	0	100%	1	1	100%
Atrazina[2] (µg/L)	0,10	---	---	---	---	0	0	---
Clortolurão[2] (µg/L)	0,10	<0,050(l.q.)	<0,050(l.q.)	0	100%	1	1	100%
Desetilatrazina[2] (µg/L)	0,10	---	---	---	---	0	0	---
Desetilaterbutilazina[2] (µg/L)	0,10	<0,050(l.q.)	<0,050(l.q.)	0	100%	1	1	100%
Diurão[2] (µg/L)	0,10	<0,050(l.q.)	<0,050(l.q.)	0	100%	1	1	100%
Linurão[2] (µg/L)	0,10	---	---	---	---	0	0	---
Terbutilazina[2] (µg/L)	0,10	<0,050(l.q.)	<0,050(l.q.)	0	100%	1	1	100%
Ometoato[2] (µg/L)	0,10	<0,050(l.q.)	<0,050(l.q.)	0	100%	1	1	100%
Alfa Total (Bq/L)	0,15	<0,040(l.q.)	<0,040(l.q.)	0	100%	1	1	100%
Beta Total[2] (Bq/L)	1	<0,010(l.q.)	<0,010(l.q.)	0	100%	1	1	100%
Dose Indicativa[2] (mSv/ano)	0,10	<0,010(mSv)	<0,010(mSv)	0	100%	1	1	100%
Radão[2] (Bq/L)	500	---	---	---	---	0	0	---

NOTA 1: Zonas de abastecimento controladas: ALDEIA DO SOUTO

NOTA 2: Parâmetro conservativo analisado pela entidade gestora em alta: ICOVI - Infraestruturas da Covilhã, eem

Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):
Não se verificaram situações de incumprimento

O Administrador Executivo:
(José Miguel Oliveira)

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