



**MUNICÍPIO DO SEIXAL
CÂMARA MUNICIPAL**

EDITAL

Nº 153/2018

**Joaquim Cesário Cardador dos Santos,
Presidente da Câmara Municipal do Seixal**

Torna público, em cumprimento do disposto no art. 56º do Anexo à Lei n.º 75/2013 de 12 de setembro, atualizado pela Lei n.º 42/2016 de 28 de dezembro, que alterou a Lei n.º 169/99 de 18 de setembro, o seu **despacho n.º 1224-PCM/2018 de 28 de maio**, do seguinte teor:

**“Publicação dos Resultados das Análises à Água no
Primeiro Trimestre de 2018**

Em cumprimento do disposto no n.º 1 do art. 17º do Dec.-Lei n.º 306/2007 de 27 de agosto, alterado pelo Dec. Lei n.º 92/2010 de 26 de julho, serve o presente para informar sobre a qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo programa de controlo da qualidade de Água (PCQA), aprovado pela autoridade competente (ERSAR), conforme quadros em anexo, e referente ao controlo da qualidade da água para consumo humano nas zonas de abastecimento do concelho do Seixal”.

Para conhecimento geral se publica o presente e outros de igual teor que vão ser afixados nos lugares habituais estabelecidos na Lei, por cinco dias (úteis) dos dez subsequentes à data do presente.

Seixal, 29 de maio de 2018

O Presidente da Câmara Municipal

Joaquim Cesário Cardador dos Santos.

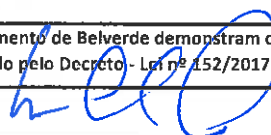
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 de dezembro, procedeu-se à verificação da qualidade da água da rede pública, através de análises periódicas na torneira do consumidor, segundo o Programa de Controlo da Qualidade da Água (PCQA) aprovado pela autoridade competente (ERSAR).

1º TRIMESTRE 2018
01 Janeiro a 31 Março

Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento de VP	N.º Análises (PCQA)		% Análises Realizadas
		Mínimo	Máximo			Agendadas	Realizadas	
Escherichia coli (N/100ml)	0	0	0	0	100%	3	3	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	3	3	100%
Desnitrato residual (mg/L)	---	0,13	0,18	---	---	3	3	100%
Alumínio (µg/L Al)	100	---	---	---	---	0	0	---
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	3	3	100%
Número de colónias a 22 ºC (N/m ³)	Sem alteração anormal	0	0	---	---	3	3	100%
Número de colónias a 47 ºC (N/m ³)	Sem alteração anormal	0	0	---	---	3	3	100%
Condutividade (µS/cm a 20ºC)	2500	535	574	0	100%	3	3	100%
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Fe (mg/L Fe)	10	<2	5	0	100%	3	3	100%
pH (Unidades pH)	6,5 e 9	7,2	7,4	0	100%	3	3	100%
Índice (µg/L Fe)	300	---	---	---	---	0	0	---
Manganês (µg/L Mn)	10	<10	10	0	100%	3	3	100%
Nitratos (mg/L NO ₃)	50	11	11	0	100%	3	3	100%
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	0	0	---
Oxidabilidade (mg/L O ₂)	5	0,5	1	0	100%	3	3	100%
Chloro a 25ºC (Factor de diluição)	3	<3	<3	0	100%	3	3	100%
Sabão a 25ºC (Factor de diluição)	3	<3	<3	0	100%	3	3	100%
Turbidez (NTU)	4	<0,7	<0,7	0	100%	3	3	100%
Arónio (µg/L Sb)	5	---	---	---	---	0	0	---
Árseno (µg/L As)	10	---	---	---	---	0	0	---
Benzene (µg/L)	1,0	---	---	---	---	0	0	---
Benzofluoranteno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg/L B)	1,0	---	---	---	---	0	0	---
Bromatos (µg/L BrO ₃)	10	---	---	---	---	0	0	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	25	---	---	---	---	0	0	---
Cianetos (µg/L CN)	50	---	---	---	---	0	0	---
Cobre (µg/L Cu)	2,0	---	---	---	---	0	0	---
Cromo (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 - dicloroetano (µg/l)	3,0	---	---	---	---	0	0	---
Tureza total (mg/L CaCO ₃)	---	---	---	---	---	0	0	---
Enterococcus (N/100 ml)	0	---	---	---	---	0	0	---
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercurio (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---
Selenio (µg/L Se)	10	---	---	---	---	0	0	---
Cloretos (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio (mg/L Na)	300	---	---	---	---	0	0	---
Sulfato (mg/L SO ₄)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L)	10	---	---	---	---	0	0	---
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---
Tricloroetano (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(a)perileno (µg/L)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno (µg/L)	---	---	---	---	---	0	0	---
Tribromometanos - total (µg/L)	300	---	---	---	---	0	0	---
Cloroformo (µg/L)	---	---	---	---	---	0	0	---
Bromoformo (µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	---
Diclorodimetano (µg/L)	---	---	---	---	---	0	0	---
Rede (Bq/L)	500	---	---	---	---	0	0	---
Alfa total (Bq/L)	0,1	---	---	---	---	0	0	---
Beta total (Bq/L)	1,0	---	---	---	---	0	0	---
Dose indicativa total (mSv)	0,10	---	---	---	---	0	0	---

NOTA 1: Zonas de abastecimento controladas: Belverde

Os resultados analíticos obtidos na zona de abastecimento de Belverde demonstram que a água distribuída pelo município do Seixal cumpre os valores paramétricos definidos no Decreto - Lei n.º 306/2007 de 27 de Agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 de dezembro.

O Presidente: Joaquim Santos  Data da publicação: 29/05/2018

Câmara Municipal do Seixal		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE SEIXAL					EDITAL n.º 153/2018		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 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 (PCCA) aprovado pela autoridade competente (ERSAR).							1º TRIMESTRE 2018 01 Janeiro a 31 Março		
Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCCA)		% Análises Realizadas	
		Mínimo	Máximo			Agendadas	Realizadas		
Escherichia coli (N/100 ml)	0	0	0	0	100%	12	12	100%	
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	12	12	100%	
Desinfetante residual (mg/L)	---	0,10	0,25	---	---	12	12	100%	
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---	
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	6	6	100%	
Número de colónias a 22 °C (N/n-l)	Sem alteração anormal	0	12	0	---	6	6	100%	
Número de colónias a 37 °C (N/n-l)	Sem alteração anormal	0	9	0	---	6	6	100%	
Condutividade (µS/cm a 20°C)	2500	231	272	0	100%	6	6	100%	
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---	
Cobalto (mg/L Co)	20	<2	5	0	100%	6	6	100%	
pH (Unidades pH)	6,5 e 8,5	6,5	7,0	0	100%	6	6	100%	
Ferro (µg/L Fe)	200	---	---	---	---	0	6	---	
Manganês (µg/L Mn)	50	<10	<10	0	100%	6	6	100%	
Nitrato (mg/L NO ₃)	50	5	8	0	100%	6	6	100%	
Nitrito (mg/L NO ₂)	0,5	---	---	---	---	0	0	---	
Oxalato (mg/L O ₂)	5	<0,5	0,8	0	100%	6	6	100%	
Cheiro a 25°C (Factor de diluição)	1	<3	<3	0	100%	6	6	100%	
Sabor a 25°C (Factor de diluição)	1	3	3	0	100%	6	6	100%	
Turbidez (NTU)	4	<0,7	3	0	100%	6	6	100%	
Antimónio (µg/L Sb)	5	---	---	---	---	0	0	---	
Arsénio (µg/L As)	10	---	---	---	---	0	0	---	
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---	
Benzo(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---	
Boro (mg/L B)	1,0	---	---	---	---	0	0	---	
Brometos (µg/L BrC ₂)	20	---	---	---	---	0	0	---	
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---	
Calcio (mg/L Ca)	---	---	---	---	---	0	0	---	
Chumbo (µg/L Pb)	20	---	---	---	---	0	0	---	
Cianeto (µg/L CN)	50	---	---	---	---	0	0	---	
Cromo (mg/L Cr)	2,0	---	---	---	---	0	0	---	
Crómio (µg/L Cr)	30	---	---	---	---	0	0	---	
1,2 - dicloroetano (µg/L)	5,0	---	---	---	---	0	0	---	
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	0	0	---	
Enterococos (N/100 ml)	0	---	---	---	---	0	0	---	
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---	
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---	
Merúrio (µg/L Hg)	1	---	---	---	---	0	0	---	
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---	
Selenio (µg/L Se)	10	---	---	---	---	0	0	---	
Cloratos (mg/L Cl)	250	---	---	---	---	0	0	---	
Sódio (mg/L Na)	200	---	---	---	---	0	0	---	
Sulfatos (mg/L SO ₄)	250	---	---	---	---	0	0	---	
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---	
Tetracloroetano e 1,1,1,2-tetracloreto (µg/L)	10	---	---	---	---	0	0	---	
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---	
Tetracloreto (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(a)hifenileno (µg/L)	---	---	---	---	---	0	0	---	
Indeno(1,2,3-c)pireno (µg/L)	---	---	---	---	---	0	0	---	
Trihalometano - total (µg/L)	200	---	---	---	---	0	0	---	
Cloroformo (µg/L)	---	---	---	---	---	0	0	---	
Bromoformo (µg/L)	---	---	---	---	---	0	0	---	
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	---	
Dibromodiclorometano (µg/L)	---	---	---	---	---	0	0	---	
Radão (Bq/L)	500	---	---	---	---	0	0	---	
Ativa total (Bq/L)	0,1	---	---	---	---	0	0	---	
Beta total (Bq/L)	1,0	---	---	---	---	0	0	---	
Dose indicativa total (mSv)	0,10	---	---	---	---	0	0	---	

NOTA 1: Zonas de abastecimento controladas: Fernão Ferro

Os resultados analíticos obtidos na zona de abastecimento de Fernão Ferro demonstram que a água distribuída pelo município do Seixal cumpre os valores paramétricos definidos no Decreto-Lei nº 306/2007 de 27 de Agosto, alterado pelo Decreto - Lei nº 152/2017 de 07 de dezembro.

O Presidente: Joaquim Santos

Data da publicação: 29/05/2018

Câmara Municipal do Seixal		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE SEIXAL					EDITAL n.º 153/2018		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 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)							1º TRIMESTRE 2018 01 Janeiro a 31 Março		
Parâmetro (unidades)	Valor Paramétrico (VF) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VF ²	% Cumprimento do VF	N.º Análises (PCQA)		% Análises Realizadas	
		Mínimo	Máximo			Agendadas	Realizadas		
<i>Escherichia coli</i> (N/100 ml)	0	0	0	0	100%	24	24	100%	
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	24	24	100%	
Desinfetante residual (mg/L)	—	0,02	0,20	—	—	24	24	100%	
Alumínio (µg/L Al)	200	45	45	0	100%	1	1	100%	
Amónio (µg/L NH ₄)	0,50	<0,05	<0,05	0	100%	6	6	100%	
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	32	—	—	6	6	100%	
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	19	—	—	6	6	100%	
Condutividade (µs/cm a 25°C)	2500	297	321	0	100%	6	6	100%	
<i>Legionella pneumophila</i> (N/100 ml)	0	0	0	0	100%	1	1	100%	
Cálcio (mg/L Ca)	20	<2	8	0	100%	6	6	100%	
pH (unidades pH)	6,5 e 8,5	6,9	7,3	0	100%	6	6	100%	
Ferro (µg/L Fe)	200	<50	<50	0	100%	6	6	100%	
Manganês (µg/L Mn)	50	<10	<10	0	100%	6	6	100%	
Nitrato (mg/L NO ₃)	50	3	5	0	100%	6	6	100%	
Nitrito (mg/L NO ₂)	0,5	<0,02	<0,02	0	100%	1	1	100%	
Oxidabilidade (mg/L O ₂)	5	0,5	0,6	0	100%	6	6	100%	
Choro a 25°C (Factor de diluição)	3	<3	<3	0	100%	6	6	100%	
Sabor a 25°C (Factor de diluição)	3	<3	<3	0	100%	6	6	100%	
Turbidez (NTU)	3	<0,7	1,7	0	100%	6	6	100%	
Antimónio (µg/L Sb)	5	<2	<2	0	100%	1	1	100%	
Arsénio (µg/L As)	10	<2	<2	0	100%	1	1	100%	
Benzeno (µg/L)	1,0	<0,20	<0,20	0	100%	1	1	100%	
Benz(a)pireno (µg/L)	0,010	<0,0050	<0,0050	0	100%	1	1	100%	
Bromo (mg/L Br)	1,0	<0,2	<0,2	0	100%	1	1	100%	
Bromoato (µg/L BrO ₃)	10	<5	<5	0	100%	1	1	100%	
Cádmio (µg/L Cd)	5,0	<0,40	<0,40	0	100%	1	1	100%	
Cálcio (mg/L Ca)	—	31	31	—	—	1	1	100%	
Chumbo (µg/L Pb)	25	5,8	5,8	0	100%	1	1	100%	
Cianetos (µg/L CN)	50	<10	<10	0	100%	1	1	100%	
Cobre (mg/L Cu)	2,0	0,12	0,12	0	100%	1	1	100%	
Cromo (µg/L Cr)	50	<10	<10	0	100%	1	1	100%	
1,2 - dicloroetano (µg/L)	3,0	<0,750	<0,750	0	100%	1	1	100%	
Dureza total (mg/L CaCO ₃)	—	94	94	—	—	1	1	100%	
Enterococos (N/100 ml)	0	0	0	0	100%	1	1	100%	
Fluoretos (mg/L F)	1,5	<0,40	<0,40	0	100%	1	1	100%	
Magnésio (mg/L Mg)	—	4	4	—	—	1	1	100%	
Mercurio (µg/L Hg)	1	<0,02	<0,02	0	100%	1	1	100%	
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%	
Selénio (µg/L Se)	10	<2	<2	0	100%	1	1	100%	
Cloretos (mg/L Cl)	250	44	44	0	100%	1	1	100%	
Sódio (mg/L Na)	200	26	26	0	100%	1	1	100%	
Sulfatos (mg/L SO ₄)	250	9	9	0	100%	1	1	100%	
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	<3,0	<3,0	—	—	1	1	100%	
Tetracloroetano e Tricloroetano (µg/L)	10	<0,10	<0,20	0	100%	1	1	100%	
Tetracloroetano (µg/L)	—	<0,20	<0,20	—	—	1	1	100%	
Tricloroetano (µg/L)	—	<0,10	<0,10	—	—	1	1	100%	
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	<0,08	<0,08	0	100%	1	1	100%	
Benzo(b)fluoranteno (µg/L)	—	<0,020	<0,020	—	—	1	1	100%	
Benzo(k)fluoranteno (µg/L)	—	<0,020	<0,020	—	—	1	1	100%	
Benzo(ghi)perileno (µg/L)	—	<0,020	<0,020	—	—	1	1	100%	
Indeno(1,2,3-cd)pireno (µg/L)	—	<0,020	<0,020	—	—	1	1	100%	
Trihalometanos - total (µg/L)	200	0,19	0,19	0	100%	1	1	100%	
Cloroformo (µg/L)	—	0,19	0,19	0	—	1	1	100%	
Bromoformo (µg/L)	—	<0,20	<0,20	—	—	1	1	100%	
Bromo-dicloro-metano (µg/L)	—	<0,10	<0,10	—	—	1	1	100%	
Dibromo-cloro-metano (µg/L)	—	<0,10	<0,10	—	—	1	1	100%	
Rádão (Bq/L)	500	<10	<10	0	100%	1	1	100%	
Alfa total (Bq/L)	0,1	<0,04	<0,04	0	100%	1	1	100%	
Beta total (Bq/L)	1,0	<0,10	<0,10	0	100%	1	1	100%	
Dureza Indrativa total (mS ⁻¹)	0,10	<0,1	<0,1	0	100%	1	1	100%	

NOTA 1: Zonas de abastecimento controladas: Torre da Marinha

Os resultados analíticos obtidos na zona de abastecimento da Torre da Marinha demonstram que a água distribuída pelo município do Seixal cumpre os valores paramétricos definidos no Decreto - Lei n.º 306/2007 de 27 de Agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 de dezembro.

O Presidente: Joaquim Santos

Data da publicação: 29/05/2018

Câmara Municipal do Seixal	CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO¹ DO CONCELHO DE SEIXAL	EDITAL n.º 153/2018
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Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 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).	1º TRIMESTRE 2018 01 Janeiro a 31 Março
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Parâmetro (unidades)	Valor Paramétrico (VP) definido 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%	10	10	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	10	10	100%
Demónio total residual (mg/L)	---	0,10	0,19	---	---	10	10	100%
Alumínio (µg/L Al)	---	---	---	---	---	0	0	---
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	4	4	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	10	---	---	4	4	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	7	---	---	4	4	100%
Condutividade (µS/cm a 25°C)	2500	245	360	0	100%	4	4	100%
Crodothium perfingens (N/100ml)	0	---	---	---	---	0	0	---
Cor (mg/L Pt.c)	50	<2	<5	0	100%	4	4	100%
pH (Unidades pH)	6,5 e 8,5	6,7	7,3	0	100%	4	4	100%
Ferro (µg/L Fe)	100	---	---	---	---	4	4	---
Manganês (µg/L Mn)	50	<10	<10	0	100%	4	4	100%
Nitrato (mg/L NO ₃)	50	4	4	0	100%	4	4	100%
Nitrito (mg/L NO ₂)	0,5	---	---	---	---	0	0	---
Oxidebilidade (mg/L O ₂)	5	<0,5	0,6	0	100%	4	4	100%
Choro a 25°C (Factor de diluição)	3	-3	-3	0	100%	4	4	100%
Choro a 25°C (Factor de diluição)	3	<3	-3	0	100%	4	4	100%
Torção (NTU)	4	<0,7	<0,7	0	100%	4	4	100%
Antimónio (µg/L Sb)	---	---	---	---	---	0	0	---
Arsénio (µg/L As)	---	---	---	---	---	0	0	---
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---
Benzofluoranteno (µg/L)	0,010	---	---	---	---	0	0	---
Bisfenol A (µg/L BPA)	1,0	---	---	---	---	0	0	---
Bromato (µg/L BrO ₃)	10	---	---	---	---	0	0	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---
Calcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	25	---	---	---	---	0	0	---
Cianatos (µg/L CN)	50	---	---	---	---	0	0	---
Cobalto (mg/L Co)	1,0	---	---	---	---	0	0	---
Cromo (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 - dicloroetano (µg/L)	5,0	---	---	---	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	0	0	---
Enterococos (N/100 mL)	0	---	---	---	---	0	0	---
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---
Maenésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercurio (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---
Selenio (µg/L Se)	10	---	---	---	---	0	0	---
Cloratos (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio (mg/L Na)	200	---	---	---	---	0	0	---
Sulfatos (mg/L SO ₄)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Tetracloroetano e Tricloroetano (µg/L)	10	---	---	---	---	0	0	---
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---
Tricloroetano (µg/L)	---	---	---	---	---	0	0	---
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	---	---	---	---	0	0	---
Benzofluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzofluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benzofluoranteno (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	---
Bromoformio (µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	---
Diclorodimetano (µg/L)	---	---	---	---	---	0	0	---
Radão (Bq/L)	500	---	---	---	---	0	0	---
Alfa total (Bq/L)	0,1	---	---	---	---	0	0	---
Beta total (Bq/L)	1,0	---	---	---	---	0	0	---
Dose indicativa total (mSv)	0,10	---	---	---	---	0	0	---

NOTA 1: Zonas de abastecimento controladas: Casal do Marco

Os resultados analíticos obtidos na zona de abastecimento de Casal do Marco demonstram que a água distribuída pelo município do Seixal cumpre os valores paramétricos definidos no Decreto -Lei nº 306/2007 de 27 de Agosto, alterado pelo Decreto - Lei nº 152/2017 de 7 de dezembro.

Câmara Municipal do Seixal		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE SEIXAL					EDITAL n.º 153/2018		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 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)							1º TRIMESTRE 2018 01 Janeiro a 31 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%	1	1	100%	
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	1	1	100%	
Desinfetante residual (mg/L)	---	0,05	0,05	---	---	1	1	100%	
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---	
Amónio (mg/L NH ₄)	0,50	---	---	---	---	0	0	---	
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---	
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	---	---	---	---	0	0	---	
Condutividade (µS/cm a 20°C)	1200	---	---	---	---	0	0	---	
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---	
Cálcio (mg/L Ca)	20	---	---	---	---	0	0	---	
pH (Unidades pH)	6,5 e 9,5	---	---	---	---	0	0	---	
Ferro (µg/L Fe)	100	---	---	---	---	0	0	---	
Manganês (µg/L Mn)	30	---	---	---	---	0	0	---	
Nitratos (mg/L NO ₃)	50	---	---	---	---	0	0	---	
Nitritos (mg/L NO ₂)	0,5	---	---	---	---	0	0	---	
Oxalibilidade (mg/L O ₂)	5	---	---	---	---	0	0	---	
Temperatura 25°C (Factor de diluição)	3	---	---	---	---	0	0	---	
Saturação 25°C (Factor de diluição)	3	---	---	---	---	0	0	---	
Turbidez (NTU)	1	---	---	---	---	0	0	---	
Antimónio (µg/L Sb)	5	---	---	---	---	0	0	---	
Ársénio (µg/L As)	10	---	---	---	---	0	0	---	
Benzeno (µg/L)	1,0	---	---	---	---	0	0	---	
Benz(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---	
Boro (mg/L B)	1,0	---	---	---	---	0	0	---	
Bromatos (µg/L BrO ₃)	15	---	---	---	---	0	0	---	
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---	
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---	
Chumbo (µg/L Pb)	25	---	---	---	---	0	0	---	
Cianatos (µg/L CN)	50	---	---	---	---	0	0	---	
Cobre (mg/L Cu)	0	---	---	---	---	0	0	---	
Crómio (µg/L Cr)	50	---	---	---	---	0	0	---	
1,2 - dicloroetano (µg/L)	10	---	---	---	---	0	0	---	
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	0	0	---	
Enterococos (N/100 mL)	0	---	---	---	---	0	0	---	
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---	
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---	
Mercurio (µg/L Hg)	1	---	---	---	---	0	0	---	
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---	
Selenio (µg/L Se)	10	---	---	---	---	0	0	---	
Cloratos (mg/L Cl)	250	---	---	---	---	0	0	---	
Sódio (mg/L Na)	200	---	---	---	---	0	0	---	
Sulfatos (mg/L SO ₄)	250	---	---	---	---	0	0	---	
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---	
Tetracloroetano e Tricloroetano (µg/L)	10	---	---	---	---	0	0	---	
Tetracloroetano (µg/L)	---	---	---	---	---	0	0	---	
Tricloroetano (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	---	
Bromoformo (µg/L)	---	---	---	---	---	0	0	---	
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	---	
Dibromodiclorometano (µg/L)	---	---	---	---	---	0	0	---	
Rádão (Bq/L)	500	---	---	---	---	0	0	---	
Alfa total (Bq/L)	0,1	---	---	---	---	0	0	---	
Beta total (Bq/L)	1,0	---	---	---	---	0	0	---	
Dose indicativa total (mSv)	0,10	---	---	---	---	0	0	---	

NOTA 1: Zonas de abastecimento controladas: Ponta dos Corvos

Os resultados analíticos obtidos na zona de abastecimento da Ponta dos Corvos demonstram que a água distribuída pelo município do Seixal cumpre os valores paramétricos definidos no Decreto -Lei nº 306/2007 de 27 de Agosto, alterado pelo Decreto - Lei nº 152/2017 de 07 de dezembro.

O Presidente: Joaquim Santos

Data da publicação: 29/05/2018

Câmara Municipal do Seixal		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE SEIXAL					EDITAL n.º 153/2018		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei nº 152/2017 de 07 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).							1º TRIMESTRE 2018 01 Janeiro a 31 Março		
Parâmetro (unidades)	Valor Paramétrico (VP) definido 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%	29	29	100%	
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	29	29	100%	
Desinfetante residual (mg/L)	---	0,10	<0,20	---	---	29	29	100%	
Alumínio (µg/L Al)	160	<50	<50	0	100%	1	1	100%	
Amónio (mg/L NH ₄)	0,50	<0,05	<0,05	0	100%	6	6	100%	
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	16	---	---	6	6	100%	
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	10	---	---	6	6	100%	
Condutividade (µS/cm a 20°C)	250	368	501	---	100%	6	6	100%	
Clostridium perfringens (N/100ml)	0	0	0	0	100%	1	1	100%	
Co (mg/L PtCo)	26	<2	<5	0	100%	6	6	100%	
pH (Unidades pH)	6,5 e 9,5	7,7	8,1	0	100%	6	6	100%	
Ferro (µg/L Fe)	100	<50	<50	0	100%	1	1	100%	
Manganeso (µg/L Mn)	30	<10	<10	0	100%	6	6	100%	
Nitratos (mg/L NO ₃)	50	6	9	0	100%	6	6	100%	
Nitritos (mg/L NO ₂)	0,5	<0,02	<0,02	0	100%	1	1	100%	
Oxalabilidade (mg/L O ₂)	5	<0,5	0,6	0	100%	6	6	100%	
Choro a 25°C (Factor de diluição)	3	3	<3	0	100%	6	6	100%	
Sabor a 25°C (Factor de diluição)	1	<3	<3	0	100%	6	6	100%	
Turbacão (NTU)	4	<0,7	1,8	0	100%	6	6	100%	
Antirradão (µg/L Sb)	5	<2	2	0	100%	1	1	100%	
Ársénio (µg/L As)	10	<2	<2	0	100%	1	1	100%	
Benzene (µg/L)	1,0	<0,20	<0,20	0	100%	1	1	100%	
Benz(a)pireno (µg/L)	3,010	<0,0050	<0,0050	0	100%	1	1	100%	
Boro (mg/L B)	1,0	<0,2	<0,2	0	100%	1	1	100%	
Bromatos (µg/L BrO ₃)	10	<5	<5	0	100%	1	1	100%	
Cádmio (µg/L Cd)	5,0	<0,40	<0,40	0	100%	1	1	100%	
Cálcio (mg/L Ca)	---	41	41	---	---	1	1	100%	
Chumbo (µg/L Pb)	25	<3,0	<3,0	0	100%	1	1	100%	
Cianetos (µg/L CN)	50	<10	<10	0	100%	1	1	100%	
Cobre (mg/L Cu)	1,0	<0,010	<0,010	0	100%	1	1	100%	
Cromo (µg/L Cr)	30	<10	<10	0	100%	1	1	100%	
1,2 - dicloroetano (µg/L)	1,0	<0,750	<0,750	0	100%	1	1	100%	
Duraza total (mg/L CaCO ₃)	---	110	110	---	---	1	1	100%	
Enterococos (N/100 ml)	0	0	0	0	100%	1	1	100%	
Fluoretos (mg/L F)	1,5	<0,40	0,40	0	100%	1	1	100%	
Magnésio (mg/L Mg)	---	2	2	---	---	1	1	100%	
Mercurio (µg/L Hg)	1	<0,02	<0,02	0	100%	1	1	100%	
Níquel (µg/L Ni)	20	<5	<5	0	100%	1	1	100%	
Selenio (µg/L Se)	20	<2	<2	0	100%	1	1	100%	
Cloratos (mg/L Cl)	250	65	65	0	100%	1	1	100%	
Sódio (mg/L Na)	200	32	32	0	100%	1	1	100%	
Sulfatos (mg/L SO ₄)	250	7	7	0	100%	1	1	100%	
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	3,0	3,0	---	---	1	1	100%	
Tetracloroetano e Tricloroetano (µg/L)	10	<0,10	<0,20	0	100%	1	1	100%	
Tetracloroetano(µg/L)	---	<0,20	<0,20	---	---	1	1	100%	
Tricloroetano(µg/L)	---	<0,10	<0,10	---	---	1	1	100%	
Hidrocarbonetos Aromáticos Policíclicos (µg/L)	0,10	<0,08	<0,08	0	100%	1	1	100%	
Benzo(b)fluoranteno (µg/L)	---	<0,020	<0,020	---	---	1	1	100%	
Benzo(k)fluoranteno (µg/L)	---	<0,020	<0,020	---	---	1	1	100%	
Benzo(ghi)perileno (µg/L)	---	<0,020	<0,020	---	---	1	1	100%	
Indeno(1,2,3-cd)pireno(µg/L)	---	<0,020	<0,020	---	---	1	1	100%	
Trihalometanos total (µg/L)	100	0,2	0,2	0	100%	1	1	100%	
Clorofórmio(µg/L)	---	0,2	0,2	---	---	1	1	100%	
Bromoformio(µg/L)	---	<0,20	<0,20	---	---	1	1	100%	
Bromodiclorometano(µg/L)	---	<0,10	<0,10	---	---	1	1	100%	
Dibromodiorometano(µg/L)	---	<0,10	<0,10	---	---	1	1	100%	
Padão (Bq/L)	500	<10	<10	0	100%	1	1	100%	
Alfa total (Bq/L)	0,1	<0,04	<0,04	0	100%	1	1	100%	
Beta total (Bq/L)	1,0	<0,10	<0,10	0	100%	1	1	100%	
Dose indicativa total (mSv)	0,10	<0,1	<0,1	0	100%	1	1	100%	

NOTA 1: Zonas de abastecimento controladas: Cruz de Pau

Os resultados analíticos obtidos na zona de abastecimento da Cruz de Pau demonstram que a água distribuída pelo município do Seixal cumpre os valores paramétricos definidos no Decreto -Lei nº 306/2007 de 27 de Agosto, alterado pelo Decreto - Lei nº 152/2017 de 07 de dezembro.

O Presidente: Joaquim Santos

Data da publicação: 29/05/2018

Câmara Municipal do Seixal		CONTROLO DA QUALIDADE DA ÁGUA PARA CONSUMO HUMANO NAS ZONAS DE ABASTECIMENTO ¹ DO CONCELHO DE SEIXAL				EDITAL n.º 153/2018		
Em conformidade com o Decreto-Lei n.º 306/2007, de 27 de agosto, alterado pelo Decreto - Lei n.º 152/2017 de 07 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 (PCCA) aprovado pela autoridade competente (ERSAR).						1º TRIMESTRE 2018 01 Janeiro a 31 Março		
Parâmetro (unidades)	Valor Paramétrico (VP) fixado no DL 306/2007	Valores obtidos		N.º Análises superiores VP	% Cumprimento do VP	N.º Análises (PCCA)		% Análises Realizadas
		Mínimo	Máximo			Ageraçoadas	Realizadas	
Escherichia coli (N/100 ml)	0	0	0	0	100%	34	34	100%
Bactérias coliformes (N/100 ml)	0	0	0	0	100%	34	34	100%
Desinfetante residual (mg/L)	---	0,06	0,16	---	---	34	34	100%
Alumínio (µg/L Al)	200	---	---	---	---	0	0	---
Amónio (mg/L NH ₃)	0,50	<0,05	<0,05	0	100%	11	11	100%
Número de colónias a 22 °C (N/ml)	Sem alteração anormal	0	17	---	---	11	11	100%
Número de colónias a 37 °C (N/ml)	Sem alteração anormal	0	17	---	---	11	11	100%
Condutividade (µS/cm a 20°C)	2500	552	612	0	100%	11	11	100%
Clostridium perfringens (N/100ml)	0	---	---	---	---	0	0	---
Cobalto (mg/L PtCo)	20	<5	9	0	100%	11	11	100%
pH (unidade: pH)	6,5 e 8,9	6,8	7,3	0	100%	11	11	100%
Ferro (µg/L Fe)	200	---	---	---	---	0	0	---
Manganês (µg/L Mn)	30	<10	42	0	100%	11	11	100%
Nitrato (mg/L NO ₃)	50	28	37	0	100%	11	11	100%
Nítrio (mg/L NO ₂)	0,5	---	---	---	---	0	0	---
Oxigénio dissolvido (mg/L O ₂)	5	0,5	2,3	0	100%	11	11	100%
Chloro a 25°C (Factor de diluição)	---	<3	<3	0	100%	11	11	100%
Salinidade a 25°C (Factor de diluição)	5	<3	<3	0	100%	11	11	100%
Turbidez (NTU)	4	<0,7	1,3	0	100%	11	11	100%
Antimónio (µg/L Sb)	5	---	---	---	---	0	0	---
Ársenio (µg/L As)	10	---	---	---	---	0	0	---
Benzene (µg/L)	10	---	---	---	---	0	0	---
Benz(a)pireno (µg/L)	0,010	---	---	---	---	0	0	---
Boro (mg/L B)	1,0	---	---	---	---	0	0	---
Bromo (µg/L BrO ₃)	20	---	---	---	---	0	0	---
Cádmio (µg/L Cd)	5,0	---	---	---	---	0	0	---
Cálcio (mg/L Ca)	---	---	---	---	---	0	0	---
Chumbo (µg/L Pb)	25	---	---	---	---	0	0	---
Cianeto (µg/L CN)	50	---	---	---	---	0	0	---
Cobalto (mg/L Co)	2,0	---	---	---	---	0	0	---
Cromo (µg/L Cr)	50	---	---	---	---	0	0	---
1,2 - dicloroetano (µg/L)	5,0	---	---	---	---	0	0	---
Dureza total (mg/L CaCO ₃)	---	---	---	---	---	0	0	---
Enterococos (N/100 mL)	0	---	---	---	---	0	0	---
Fluoretos (mg/L F)	1,5	---	---	---	---	0	0	---
Magnésio (mg/L Mg)	---	---	---	---	---	0	0	---
Mercurio (µg/L Hg)	1	---	---	---	---	0	0	---
Níquel (µg/L Ni)	20	---	---	---	---	0	0	---
Selénio (µg/L Se)	10	---	---	---	---	0	0	---
Cloreto (mg/L Cl)	250	---	---	---	---	0	0	---
Sódio (mg/L Na)	200	---	---	---	---	0	0	---
Sulfato (mg/L SO ₄)	250	---	---	---	---	0	0	---
Carbono Orgânico Total (mg/L C)	Sem alteração anormal	---	---	---	---	0	0	---
Tetracloreto e Tricloroetano (µg/L)	10	---	---	---	---	0	0	---
Tetracloreto (µg/L)	---	---	---	---	---	0	0	---
Tricloroetano (µg/L)	---	---	---	---	---	0	0	---
Polifenóis aromáticos Policíclicos (µg/L)	0,10	---	---	---	---	0	0	---
Benz(a)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benz(b)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benz(k)fluoranteno (µg/L)	---	---	---	---	---	0	0	---
Benz(ghi)perileno (µg/L)	---	---	---	---	---	0	0	---
Indeno(1,2,3-cd)pireno (µg/L)	---	---	---	---	---	0	0	---
Trihalometanos - total (µg/L)	100	---	---	---	---	0	0	---
Cloroformo (µg/L)	---	---	---	---	---	0	0	---
Bromoformo (µg/L)	---	---	---	---	---	0	0	---
Bromodiclorometano (µg/L)	---	---	---	---	---	0	0	---
Diclorodiclorometano (µg/L)	---	---	---	---	---	0	0	---
Radão (Bq/l)	500	---	---	---	---	0	0	---
Alfa total (Bq/L)	0,1	---	---	---	---	0	0	---
Beta total (Bq/L)	1,0	---	---	---	---	0	0	---
Índice microbiológico total (mU)	0,10	---	---	---	---	0	0	---

NOTA 1: Zonas de abastecimento controladas: Santa Marta

Os resultados analíticos obtidos na zona de abastecimento de Santa Marta demonstram que a água distribuída pelo município do Seixal cumpre os valores paramétricos definidos no Decreto -Lei n.º 306/2007 de 27 de Agosto, alterado pelo Decreto -Lei n.º 152/2017 de 07 de dezembro.

O Presidente: Joaquim Santos

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