



Município de Bombarral

## **EDITAL Nº 27/2016**

### **Controlo da Qualidade da Água nas Zonas de Abastecimento do Pó, Salgueiro e Delgada do Município de Bombarral**

----- Nuno Manuel Mota da Silva, Vice – Presidente da Câmara Municipal de Bombarral. -----

----- FAZ PÚBLICO, nos termos do ponto 1 do artigo 17º do D.L.306/2007 de 27 de Agosto e da Recomendação ERSAR n.º 3/2011, o **Relatório de Controlo da Qualidade da Água nas Zonas de Abastecimento do Pó, Salgueiro e Delgada do Município de Bombarral**, referente ao 3º trimestre do ano 2016, conforme quadro anexo. -----

Os resultados obtidos na rede de abastecimento revelam o cumprimento dos valores paramétricos estabelecidos no D.L.306/2007 de 27 de Agosto. -----

E para conhecimento geral se passou o presente e outros de igual teor que serão afixados nos lugares de estilo. -----

Bombarral, 25 de Novembro de 2016

O Vice-Presidente

Nuno Manuel Mota da Silva





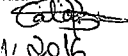
Parâmetros	VP	VR	Un	Nº de análises (PCQA)		% análises realizadas	Valores Obtidos		N.º análises superiores ao VP	% análises em cumprimento do VP	Valor Contra-análise	Observações
				Agendadas	Realizadas		Valor Máximo	Valor Mínimo				
<b>Entidade Gestora do "Sistema em Baixa" - Câmara Municipal de Bombarrel</b>												
<b>Controlo de Rotina 1 - CR1</b>												
Escherichia coli	0	---	Nº/100 ml	12	12	100%	0	---	---	100%		
Bactérias coliformes	0	---	Nº/100 ml	12	12	100%	0	---	---	100%		
Desinfectante residual	---	[0,2-0,6]	mg/l	12	12	100%	0,4	<0,1	---	100%		
<b>Controlo de Rotina 2 - CR2</b>												
Amónio	0,5	---	mg N/4l	5	5	100%	<0,05	---	---	100%		
Número de colónias a 22°C	S/Alt.	100	Nº/ml	5	5	100%	80	15,00	---	100%		
Número de colónias a 37°C	S/Alt.	20	Nº/ml	5	5	100%	15	n.detetado	---	100%		
Condutividade a 20°C	---	2500	µS/cm	5	5	100%	383	108	---	100%		
Cor	20	---	mg/l PtCo	5	5	100%	<2	---	---	100%		
pH	6,5-8,0	---	Unidades pH	5	5	100%	8,7	7,6	---	100%		
Manganês	50	---	µg/l Mn	5	5	100%	<10	---	---	100%		
Nitratos	50	---	mg/l NO3	5	5	100%	11	2,00	---	100%		
Oxidabilidade	5	---	mg/l O2	5	5	100%	1,9	0,6	---	100%		
Cheiro a 25°	3	---	Factor de diluição	5	5	100%	<3	---	---	100%		
Sabor a 25°	3	---	Factor de diluição	5	5	100%	<3	---	---	100%		
Alumínio	200	---	µg/l Al	5	5	100%	<50	---	---	100%		
Clostridium perfringens	0	---	Nº/100 ml	5	5	100%	0	---	---	100%		
Turvação	4	---	UNT	5	5	100%	<0,7	---	---	100%		
<b>Controlo de Inspeção - CI</b>												
Benzo(a)pireno	0,01	---	µg/l	---	---	---	---	---	---	---		
Cálcio	---	100	mg/l Ca	---	---	---	---	---	---	---		
Chumbo	25	---	µg/l Pb	---	---	---	---	---	---	---		
Cobre	2	---	mg/l Cu	---	---	---	---	---	---	---		
Dureza Total	---	[150-500]	mg/l CaCO3	---	---	---	---	---	---	---		
Enterococos	0	---	Nº/100 ml	---	---	---	---	---	---	---		
Ferro	200	---	µg/l Fe	---	---	---	---	---	---	---		
Magnésio	---	50	mg/l Mg	---	---	---	---	---	---	---		
Níquel	20	---	µg/l Ni	---	---	---	---	---	---	---		
Nitritos	0,5	---	mg/l NO2	---	---	---	---	---	---	---		
HAP	0,1	---	µg/l	---	---	---	---	---	---	---		
Tri-halometanos	100	---	µg/l	---	---	---	---	---	---	---		
Radão	---	500	Bq/L	---	---	---	---	---	---	---		
<b>Entidade Gestora do "Sistema em Alta" - ÁGUAS DO OESTE</b>												
<b>Parâmetros conservativos</b>												
Antimónio	5	---	µg/l Sb	2	2	100%	<0,500	---	---	100%		
Arsénio	10	---	µg/l As	2	2	100%	<0,500	---	---	100%		
Benzeno	1	---	µg/l	2	2	100%	<0,30	---	---	100%		
Boro	1	---	mg/l B	2	2	100%	<0,020	---	---	100%		
Bromatos	10	---	µg/l BrO3	2	2	100%	<10,0	---	---	100%		
Cádmio	5	---	µg/l Cd	2	2	100%	<0,500	---	---	100%		
Cianetos	50	---	µg/l CN	2	2	100%	<5,00	---	---	100%		
Cobre	2	---	mg/l Cu	3	3	100%	1,36	1,21	---	100%		
Crómio	50	---	µg/l Cr	2	2	100%	<1,00	---	---	100%		
1,2 - Dicoloroetano	3	---	µg/l	2	2	100%	<0,10	---	---	100%		
Fuoretos	1,5	---	mg/l F	2	2	100%	<0,100	---	---	100%		
Mercurio	1	---	mg/l Hg	2	2	100%	<0,200	---	---	100%		
Selénio	10	---	µg/l Se	2	2	100%	<2,00	---	---	100%		
Cloretos	250	---	mg/l Cl	2	2	100%	25,70	<15,0	---	100%		
Sódio	200	---	mg/l Na	2	2	100%	5,80	5,54	---	100%		
Sulfatos	250	---	mg/l SO4	2	2	100%	10,50	10,40	---	100%		
COT (Carbono Orgânico Total)	S/Alt.	---	mg/l C	2	2	100%	0,88	0,97	---	100%		
Tetracloroetano e Tricloroetano:	10	---	µg/l	3	3	100%	<1,0	---	---	100%		
Tetracloroetano	---	---	µg/l	2	2	100%	<0,1	---	---	100%		
Tricloroetano	---	---	µg/l	2	2	100%	<1,0	---	---	100%		
Hidrocarbonetos Aromáticos	---	---	µg/l	3	3	100%	<0,40	---	---	100%		
Polícíclicos	0,10	---	µg/l	3	3	100%	<0,0080	---	---	100%		
Benzo(b)fluoranteno	---	---	µg/l	3	3	100%	<0,0080	---	---	100%		
Benzo(k)fluoranteno	---	---	µg/l	3	3	100%	<0,0080	---	---	100%		
Benzo(ghi)perileno	---	---	µg/l	3	3	100%	<0,020	---	---	100%		
Indeno(1,2,3-cd)pireno	---	---	µg/l	3	3	100%	<0,040	---	---	100%		
Trihalometanos - total	100	---	µg/l	3	3	100%	43,00	---	---	100%		
Clorofórmio	---	---	µg/l	3	3	100%	27,00	19,00	---	100%		
Bromofórmio	---	---	µg/l	3	3	100%	<1,0	---	---	100%		
Bromodiclorometano	---	---	µg/l	3	3	100%	12,00	---	---	100%		
Dibromoclorometano	---	---	µg/l	3	3	100%	3,80	---	---	100%		
Desetilterbutilazina	0,10	---	µg/l	---	---	---	---	---	---	---		
Diurão	0,10	---	µg/l	---	---	---	---	---	---	---		
Línurão	0,10	---	µg/l	---	---	---	---	---	---	---		
Terbutilazina	0,10	---	µg/l	---	---	---	---	---	---	---		
Dimetoato	0,10	---	µg/l	---	---	---	---	---	---	---		
Radão	---	500	Bq/l	---	---	---	---	---	---	---		
alfa total	0,1	---	Bq/l	2	2	100%	<0,027	---	---	100%		
beta total	1	---	Bq/l	2	2	100%	0,145	0,12	---	100%		
radionuclídeos	---	---	Bq/l	---	---	---	---	---	---	---		
Pesticida Total	0,50	---	µg/l	2	2	100%	<valor Lq.	---	---	100%		

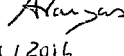
Informação complementar relativa à averiguação das situações de incumprimento dos VP (causas e medidas correctivas):

\* "Sistema em baixa" - Conjunto de infraestruturas destinadas essencialmente à distribuição (incluindo elevação e armazenamento) pelos consumidores finais de água para abastecimento público, importada ou não de um sistema em alta, sob exploração e gestão de uma entidade gestora;

\*\* "Sistema em alta" - Conjunto de infraestruturas destinadas essencialmente à captação, ao tratamento e à adução (incluindo elevação e armazenamento) de água para abastecimento público, com exclusão da distribuição, sob exploração e gestão de uma entidade gestora;

Legenda:  
PCQA: Plano de Controlo da Qualidade da Água;  
Un: Unidades;  
VP: Valor paramétrico fixado no DL 306/2007 de 27 de Agosto;  
VR: Valor recomendado;

Elaborado:   
Data: 29/11/2016

Verificado:   
Data: 29/11/2016

Aprovado:   
Data: 29/11/2016