

Brussels, 7 October 2019 (OR. en)

12800/19 ADD 1

Interinstitutional File: 2017/0332(COD)

ENV 829 SAN 419 CONSOM 262 CODEC 1448

NOTE

From:	General Secretariat of the Council
To:	Delegations
No. prev. doc.:	6876/19
No. Cion doc.:	5846/18 - COM(2017) 753 final + ADD 1
Subject:	Proposal for a Directive of the European Parliament and of the Council on the quality of water intended for human consumption (recast)
	First informal trilogue

With a view to the first informal trilogue on the above mentioned proposal, to take place in Brussels, on 7 October 2019, delegations will find in the <u>Annex</u>, for information, the 4-column table with the technical Annexes of the proposal that will serve as the basis for negotiations.

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ANNEXES

to the Proposal for a

Directive of the European Parliament and of the Council on the quality of water intended for human consumption (recast)

(Text with EEA relevance)

	Со	mmission's	s propos	al		EP Ameno	lments	Counc	il's Gene	eral App	roach	Comments/ Compromises
1.	ANNEX I											
2.	MINIMUM F PARAMETR THE QUALI HUMAN CO	IC VALUES TY OF WAT	USED TO) ASSESS								
3.	PART A Microbiologic	eal parameter	rs									
4.						Annex I, 7 AM 17						
5.	Parameter	Parametric value	Unit		Parameter	Parametric value	Unit	Parameter	Parametric value	Unit	Notes	
	Clostridium perfringens spores	0	Number/ 100 ml		Clostridium perfringens spores	0	Number/ 100 ml	Clostridium perfringens spores	θ	Number/10 0-ml		
	Coliform bacteria	0	Number/ 100 ml		Coliform bacteria	0	Number/ 100 ml	Coliform bacteria	θ	Number/10 0 ml		
	Enterococci	0	Number/ 100 ml		Enterococci	0	Number/ 100 ml	Intestinal Eenterococci	0	Number/10 0 ml	For water put into bottles or containers the unit is number/250	

	Cor	nmissio	n's	proposal	1	EP Am	endr	nents	Coun	cil's Ge	nera	al Approach	Comments/ Compromises
	Escherichia coli (E. coli)	0		Number/ 100 ml	Escherichia coli (E. coli)	0		Number/ 100 ml	Escherichia coli (E. coli)	0		ml fumber/10 For water ml put into bottles or containers the unit is	·
	Heterotrophic plate counts (HPC) 22° Somatic coliphages Turbidity	No abnormal change 0		Number/ 100 ml NTU	Heterotrophic plate counts (HPC) 22° Somatic coliphages Turbidity	No abnormal change 0		Number/ 100 ml NTU	Heterotrophic plate counts (HPC) 22° Somatic coliphages	No abnorma change	N 0	number/250 ml	
j.						and min	eral v	in this Part shall not waters in accordance	Turbidity	<1	N	TU	
	ART B Chemical para	meters											
3.					A	nnex I, P AMs 13							
). P	arameter	Paramet ric value	Unit	Notes	Parameter	Paramet ric value	Unit	Notes	Parameter	Paramet ric value	Unit	Notes	
A	scrylamide	0,10	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	Acrylamide	0,10	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	Acrylamide	0,10	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	
A	ntimony	5.0	μg/l	THE WATER.	Antimony	5,0	μg/l	the water.	Antimony	5,0 20	μg/l		
	rsenic	10	μg/l		Arsenic	10	μg/l			10	μg/l		
Е	Benzene	1,0	μg/l		Benzene	1,0	μg/l			1,0	μg/l		
	Benzo(a)pyrene	0,010	μg/l		Benzo(a)pyrene	0,010	μg/l			0,010	μg/l		
(:	Beta-estradiol 50-28-2)	0,001	μg/l		Beta-estradiol (50-28-2)	0,001	μg/l		(50-28-2)	0,001	μg/l		
	Bisphenol A	0,01	μg/l		Bisphenol A	0,1	μg/l			0,01	μg/l		
	Boron	1,0	mg/l		Boron	1,5	mg/l			1,0 2,4	mg/l		
l F	Bromate	10	μg/l		Bromate	10	μg/l		Bromate	10	μg/l		

(Commission's proposa	EP Am	endments	Council's	s General Approach	Comments/ Compromises
Cadmium Chlorate	5,0 µg/l 0,25 mg/l	Cadmium 5,0 Chlorate 0,25	µg/l mg/l	Cadmium 5,0 Chlorate 0,25	mg/l mg/l Parametric value of mg/l shall be applied when a disinfection method that generate chlorate, in particular chlorine dioxide, is use for disinfection of was intended for human consumption. Where possible, without compromising disinfection, Member States shall strive for lower value. This parameter shall measured only if suc disinfection methods are used.	es ar sed atter
Chlorite	0,25 mg/l	Chlorite 0,25	mg/l	Chlorite 0,25	0,7 mg/l shall be applied when a disinfection method that generates chlorin particular chlorin dioxide, is used for disinfection of water intended for human consumption. Where possible, without compromisi disinfection, Membe States shall strive fo lower value. This parameter shall be measured only if such disinfection	ng r r a
Chromium	25 µg/l The value s at the latest years after into force of Directive].	by [10	μg/l The value shall be met, at the latest, by [10 years after the entry into force of this Directive]. The parametric value for	Chromium 25	methods are used. µg/l The value shall be me at the latest, by [15 He years after the entry in force of this Directive The parametric value chromium until that detections.	onto e]. for

Cor	nmissi	ion's p	oroposal	F	EP Amendments				cil's Ge	enera	al Approach	Comments/ Compromises
			chromium until that				chromium until that				is 50 μg/l.	•
			date is 50 μg/l.				date is 50 μg/l.	Copper	2,0	mg/l		
Copper	2,0	mg/l		Copper	2,0	mg/l		Cyanide	50	μg/l		
Cyanide	50	μg/l		Cyanide	50	μg/l		1,2-	3,0	μg/l		
1,2-	3,0	μg/l		1,2-	3,0	μg/l		dichloroethane	0.10			
dichloroethane Epichlorohydrin	0,10	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	dichloroethane Epichlorohydrin	0,10	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact	Epichlorohydri n		μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	
Fluoride	1,5	mg/l					with the water.	Fluoride	1,5	mg/l		
Haloacetic acids (HAAs)	80	μg/l	Sum of the following nine representative substances: monochloro-, dichloro-, and trichloro-acetic acid, mono- and dibromo-acetic acid, bromochloroacetic acid, bromodichloroacetic acid, dibromochloroacetic acid, dibromochloroacetic acid and tribromoacetic acid and tribromoacetic acid.	Fluoride Haloacetic acids (HAAs)	1,5	mg/l μg/l	Sum of the following nine representative substances: monochloro-, dichloro-, and trichloro-acetic acid, mono- and dibromo-acetic acid, bromochloroacetic acid, bromodichloroacetic acid, dibromochloroacetic acid and tribromoacetic acid and tribromoacetic acid.	Haloacetic acids (HAA5s)	80 60	μg/l	This parameter shall be measured only when disinfection methods that can generate HAAs are used for the disinfection of water intended for human consumption. Sum of the following five nine representative substances: monochloro-, dichloro-, and trichloro-acetic acid, mono- and dibromo-acetic acid, bromochloroacetic acid, bromochloroacetic acid, dibromochloroacetic acid, dibromochloroacetic acid and tribromoacetic acid.	
Lead	5	1 1	The value shall be met, at the latest, by [10 years after the entry into force of this Directive]. The parametric value for lead until that date is 10 µg/l.	Lead :	5	1 1 1	The value shall be met, at the latest, by [10 years after the entry into force of this Directive]. The parametric value for lead antil that date is 10 μg/l.	Lead	<u>5</u> <u>10</u>	μg/l	This maximum value is accompanied by the minimisation measures according to Article 10 of this Directive. Member State should use their best endeavours to achieve	

Co	mmissi	on's	proposal		ments	Cour	ncil's Ge	al Approach	Comments/ Compromises			
											a lower aspirational value of 5 µg/l by 15 years after the entry into force of this Directive. The value shall be met, at the latest, by [10 years after the entry into force of this Directive]. The parametric value for lead until that date is 10 µg/l.	
Mercury Microcystin-LR	1,0	μg/l μg/l		Mercury Microcystin-LR	1,0	μg/l μg/l		Mercury Microcystin- LR	1,0	μg/l μg/l	This parameter needs to be measured only in case of potential blooms in source water (increasing cyanobacterial cell density or bloom forming potential).	
Nickel Nitrate	50	μg/l mg/l	Member States shall ensure that the condition [nitrate]/50 + [nitrite]/3 ≤ 1, where the square brackets signify the concentrations in mg/l for nitrate (NO ₂), is complied with and that the value of 0,10 mg/l for nitrites is complied with ex water treatment works.	Nickel Nitrate	20 50	μg/l mg/l	Member States shall ensure that the condition [nitrate]/50 + [nitrite]/3 ≤ 1, where the square brackets signify the concentrations in mg/l for nitrate (NO ₃) and nitrite (NO ₂), is complied with and that the value of 0,10 mg/l for nitrites is complied with ex water treatment works.	Nitrate Nitrate	50	μg/l mg/l	Member States shall ensure that the condition [nitrate]/50 + [nitrite]/3 ≤ 1, where the square brackets signify the concentrations in mg/l for nitrate (NO ₃) and nitrite (NO ₂), is complied with and that the value of 0,10 mg/l for nitrites is complied with ex water treatment	
Nitrite	0.50	mg/l	Member States shall ensure that the condition [nitrate]/50 + [nitrite]/3 ≤ 1, where the square brackets signify the concentrations in mg/l for nitrate (NO₂) and nitrite (NO₂), is complied with and that the value of 0,10 mg/l for nitrites is complied with ex water	Nitrite	0.50	mg/l	Member States shall ensure that the condition [nitrate]/50 + [nitrite]/3 ≤ 1, where the square brackets signify the concentrations in mg/l for nitrate (NO ₃) and nitrite (NO ₂), is complied with and that the value of 0,10 mg/l for nitrites is complied with ex water	Nitrite	0,50	mg/l	works. Member States shall ensure that the condition [nitrate]/50 + [nitrite]/3 ≤ 1, where the square brackets signify the concentrations in mg/l for nitrate (NO ₃) and nitrite (NO ₂), is complied with and that the value of 0,10 mg/l for nitrites is complied	

Co	mmissi	ion's	proposal		EP An	nend	ments	Cour	ncil's G	enera	al Approach	Comments/ Compromises
			treatment works.				treatment works.				with ex water treatment	•
Nonylphenol	0,3	μg/l		Nonylphenol	0,3	μg/l			0.0		works.	
Nonylphenol Pesticides	0,3 0,10	μg/l μg/l	'Pesticides' means: - organic insecticides, - organic herbicides, - organic fungicides, - organic acaricides, - organic adjicides, - organic rodenticides - organic slimicides, and their relevant metabolites as defined in Article 3(32) of Regulation (EC) No 1107/2009¹.	Nonylphenol Pesticides	0,3 0,10	μg/l μg/l	'Pesticides' means: - organic insecticides, - organic fungicides, - organic nematocides, - organic acaricides, - organic acaricides, - organic rodenticides - organic rodenticides - organic slimicides, and their relevant metabolites as defined in Article 3(32) of Regulation (EC) No 1107/2009¹.	Nonylphenol Pesticides	0,3	µg/1 µg/1		
											its pesticide target activity or that it generates (itself or its	
	T	ı			_		T				transformation products) a health risk to the consumer.	
			The parametric value applies to each individual pesticide.				The parametric value applies to each individual pesticide.				The parametric value applies to each individual pesticide.	
			In the case of aldrin, dieldrin, heptachlor and heptachlor epoxide, the				In the case of aldrin, dieldrin, heptachlor and heptachlor epoxide, the				In the case of aldrin, dieldrin, heptachlor and heptachlor epoxide, the	
			parametric value is 0,030				parametric value is 0,030				parametric value is	

Co	ommissi	ion's	proposal		EP An	nend	ments	Cour	ncil's Ge	l Approach	Comments/ Compromises	
			μg/l.				μg/l.				0,030 μg/l. Member States may define a guidance value to manage the presence of non-relevant metabolites of pesticides in drinking water or, in the absence of such value, Member States should use the value of 0,75 μg/l. Only those pesticides which are likely to be present in a given supply need be monitored. Based on the data reported by Member States, Commission may establish a database of pesticides and their relevant metabolites taking into account their possible presence in water intended for human consumption.	
Pesticides — Total	0,50	μg/l	'Pesticides — Total' means the sum of all individual pesticides, as defined in the previous row, detected and quantified in the monitoring procedure.	Pesticides — Total	0,50	μg/l	'Pesticides — Total' means the sum of all individual pesticides, as defined in the previous row, detected and quantified in the monitoring procedure.	Pesticides — Total	0,50	μg/l	'Pesticides — Total' means the sum of all individual pesticides, as defined in the previous row, detected and quantified in the monitoring procedure.	
PFAS	0,10	μg/l	'PFAS' means each individual per- and polyfluoroalkyl substance (chemical formula: CnF2n+1-R).	PFAS	0,10	μg/l	'PFAS' means each individual per- and polyfluoroalkyl substance (chemical formula: CnF2n+1-R).	PFAS	0,10	µg/I	PFAS' means each individual per- and polyfluoroalkyl substance (chemical formula: C _n F _{2n+1} -R).	

Commission's proposal EP Amendments Council's General	l Approach	Comments/ Compromises
The formula shall also introduce a differentiation between "long-chain" and "short-chain" PFASs. This Directive shall apply only to "long-chain" PFASs.		
sum of per- and polyfluoroalkyl substances (chemical formula: CnF2n+1-R). CnF2n+1-R). Sum of per- and polyfluoroalkyl substances (chemical formula: CnF2n+1-R). This parametric value for PFASS Total shall only apply to those PFAS substances, which are likely to be present and which are hazardous to human health, according to the hazard assessment referred to in Article 8 of this Directive.	'PFASs Total' means the sum of per and polyfluoroalkyl substances (chemical formula: C _n F _{2n+1} −R). 'Sum of PFASs ' means the sum of all per- and polyfluoroalkyl substances considered a concern for water intended for human consumption. This is a subset of PFAS substances that contain a perfluoroalkyl moiety with three or more carbons (i.e. −CnF2n−, n ≥ 3) or a perfluoroalkylether moiety with two or more carbons (i.e. − CnF2nOCmF2m−, n and m ≥ 1). Specification for the selected PFASs and	

	Cor	mmissi	on's	proposal		EP Am	end	ments	Counc	cil's Ge	enera	ıl Approach	Comments/ Compromises
												parameter is included in Annex III Part B, point 3.	
	Polycyclic aromatic hydrocarbons	0,10	μg/l	Sum of concentrations of the following specified compounds: benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(ghi)perylene, and indeno(1,2,3-cd)pyrene.	Polycyclic aromatic hydrocarbons	0,10	μg/l	Sum of concentrations of the following specified compounds: benzo(b)fluoranthene, benzo(ghi)perylene, and indeno(1,2,3-cd)pyrene.	Polycyclic aromatic hydrocarbons	0,10	μg/l	Sum of concentrations of the following specified compounds: benzo(b)fluoranthene, benzo(ghi)perylene, and indeno(1,2,3-cd)pyrene.	
•	Selenium	10	μg/l	(y y/F J	Selenium	10	μg/l	, , , , , , , , , , , , , , , , , , , ,	Selenium	10 30	μg/l	, ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Tetrachloroeth ene and trichloroethene	10	μg/l	Sum of concentrations of specified parameters	Tetrachloroethe ne and trichloroethene	10	μg/l	Sum of concentrations of specified parameters	Tetrachloroethe ne and Trichloroethene		μg/l	Sum of concentrations of specified parameters	
	Trihalomethan es — Total	100	μg/l	Where possible, without compromising disinfection, Member States shall strive for a lower value.	Trihalomethanes — Total	100	μg/l	compromising disinfection, Member States shall strive for a lower value.	Trihalomethane s — Total	100	μg/l	Where possible, without compromising disinfection, Member States shall strive for a lower value.	
				Sum of concentrations of the following specified compounds: chloroform, bromoform, dibromochloromethane, bromodichloromethane.				Sum of concentrations of the following specified compounds: chloroform, bromoform, dibromochloromethane, bromodichloromethane.				Sum of concentrations of the following specified compounds: chloroform, bromoform, dibromochloromethane, bromodichloromethane.	
	Uranium	30	μg/l		Uranium	30	μg/l		Uranium	30	μg/l		
	Vinyl chloride	0,50	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	Vinyl chloride	0,50	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	Vinyl chloride	0,50	μg/l	The parametric value refers to the residual monomer concentration in the water as calculated according to specifications of the maximum release from the corresponding polymer in contact with the water.	
10.	Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC (OJ L 309 24.11.2009, p. 1).		1.Regulation (EC) No 1107/2009 of the European Parliament and of the Council of 21 October 2009 concerning the placing of plant protection products on the market and repealing Council Directives 79/117/EEC and 91/414/EEC (OJ L 309 24.11.2009, p. 1).			1. Regulation (EC) No 1107/2009 of the European							

	Commission's proposal		EP Ame	ndme	ents	Cou	ıncil's Gen	eral A _l	proach	Comments/ Compromises
11.		Iı		ameter. 139	s (new)	1	PAR Indicator par	T Ba ameters	(new)	
12.		Parameter	Parametric value	Unit	Notes		Parametric value	Unit	Notes	
		Aluminium	200	ug/l		Aluminium	200	μg/l		
		Ammonium	0,50	mg/l		Ammonium	0,50	mg/l		
		Chloride	250	mg/l	Note 1	Chloride	250	mg/l	The water should not be corrosive.	
						Clostridium perfringens including spores	0	Number/ 100 ml	This parameter is to be measured if the risk assessment indicates it.	
		Colour	Acceptable to consumers and no abnormal change				Acceptable to consumers and no abnormal change			
		Conductivity	2 500	μS cm-1 at 20°C	Note 1	Conductivity	2500		The water should not be aggressive.	
		Hydrogen ion concentration	≥ 6,5 and ≤ 9,5	pH units	Notes 1 and 3	Hydrogen ion concentration		pH units	The water should not be aggressive.	
									For still water put into bottles or containers, the minimum value may be reduced to 4,5 pH units. For water put into bottles or containers which is naturally rich in or artificially enriched with carbon dioxide, the minimum value may be lower.	

Commission's proposal		EP Ame	ndment	ts	Cou	ncil's Gen	eral Ap	proach	Comments/ Compromises
	Iron	200	μg/l		Iron	200	μg/l		
	Manganese	50	μg/l		Manganese	50	μg/l		
	Odour	Acceptable to consumers and no abnormal change				Acceptable to consumers and no abnormal change			
					Oxidisability	5,0		This parameter need not be measured if the parameter TOC is analysed.	
	Sulphates	250	mg/l	Note 1	Sulphate	250		The water should not be corrosive.	
	Sodium	200	mg/l		Sodium	200	mg/l		
	Taste	Acceptable to consumers and no abnormal change				Acceptable to consumers and no abnormal change			
	Colony count at 22°C	No abnormal change				No abnormal change			
	Coliform bacteria	0	Number/ 100 ml		Coliform	0	number/	For water put into	
		No abnormal	I		bacteria			bottles or containers the unit is number/250 ml.	
	Total organic carbon (TOC) Turbidity				Total organic	No abnormal change		This parameter need not be	
	,	consumers and no abnormal change			(TOC)	change		measured for supplies of less than 10 000 m3 a day.	
	Note 1: The wa	ter should not b	e aggressiv	re.		Acceptable to consumers and no abnormal change			

Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
	Note 2: This parameter need not be measured unless the water originates from or is influenced by surface water. In the event of non-compliance with this parametric value, the Member State concerned shall investigate the supply to ensure that there is no potential danger to human health arising from the presence of pathogenic micro-organisms, e.g. cryptosporidium. Note 3: For still water put into bottles or containers, the minimum value may be reduced to 4,5 pH units. For water put into bottles or containers which is naturally rich in or artificially enriched with carbon dioxide, the minimum value may be lower.	Waters should not be aggressive or corrosive. This applies particularly to waters undergoing treatment (demineralization, softening, membrane treatment, reverse osmosis, etc.). Where water intended for human consumption is derived from treatment that significantly demineralizes or softens water, calcium and magnesium salts could be added to condition the water in order to reduce possible negative health impact, as well as corrosion or aggression of water and to improve taste. Minimum concentrations of calcium and magnesium or total dissolved solids in softened or demineralized water could be established taking into account the characteristics of water that enters these processes.	

	Commission's proposal				EP Ar	nendm	ents	Со	Council's General Approach			Comments/ Compromises	
13.	PART C Parameters distribution			domestic									
14.						Annex I	, Part C, M 140	table					
15.	Parameter	Paramet ric value	Unit	Notes	Parameter	Parametri c value		Notes	Parameter	Paramet ric value	Unit	Notes	
	Legionella	<1000	Number/l	In case the parametric value <1000/l is not	Legionella <i>pneumophila</i>	< 1 000	Number/		Legionella	<1000	00 Number CFU/l	In case the parametric value <1000/l is not met	
		met for Legionella, resampling for Legionella pneumophila shall be done. If Legionella pneumophila is not present, the parametic value for Legionella is <10 000/l	Legionella	< 10 000	Number/	If Legionella pneumophila, whose parametric value is < 1 000/l, is not present, the parametric value for Legionella shall be <10 000/l.			shall be done. If Legionella pneume is not present, the parametic value fo Legionella is <10.0 This parametric v	resampling for Legionella pneumophila shall be done. If Legionella pneumophila is not present, the parametic value for Legionella is <10 000/1 This parametric value			
	Lead	5	μg/l	The value shall be met, at the latest, by [10 years after the entry into force of this Directive]. The parametric value for lead until that date is 10 µg/l.	Lead	5	μg/l	The value shall be met, at the latest, by [ten years after the date of entry into force of this Directive]. The parametric value for lead until that date shall be 10 µg/l.				is not set as a health target, but as a trigger value that can determine risk assessment and remedial action. Such actions could be considered even below the parametric value, e.g. in case of infections and outbreaks. In these cases the source of infection should be confirmed and the species to which it belongs should be identified.	
									Lead	<u>≨ 10</u>	μg/l	The value shall be met, at the latest, by [15 0 years after the entry into force of this Directive]. The parametric value for lead until that date is 10 µg/1. This maximum	

	Commission's proposal	EP Amendments	Council's General Approach			Comments/ Compromises	
					value is accompar by the minimisati measures accordi Article 10 of this Directive. Membe States should use best endeavours t achieve a lower aspirational value µg/l by 15 years a the entry into for this Directive	on ng to er their o e of 5 fter	
16.		PART CA (new) Emerging parameters under monitoring AM 141				•	
17.		Microplastics The monitoring shall be carried out in accordance with the methodology for measuring microplastics laid down in the delegated act referred to in Article 11(5b)					

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
18.	ANNEX II			
19.	MONITORING			
20.	PART A General objectives and monitoring programmes for water intended for human consumption			
	1. Monitoring programmes established pursuant to Article 11(2) for water intended for human consumption shall:			
22.	(a) verify that the measures in place to control risks to human health throughout the water supply chain from the abstraction area through treatment and storage to distribution are working effectively and that water at the point of compliance is wholesome and clean;			
23.	(b) provide information on the quality of the water supplied for human consumption to demonstrate that the obligations set out in Article 4 and the parametric values set in accordance with Article 5 are being met;			
24.	(c) identify the most appropriate means of mitigating the risk to human health.			

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
25.			Annex II, Part A, paragraph 2	
26.	2. Monitoring programmes established pursuant to Article 11(2) shall include one of the following:		2. Monitoring programmes established pursuant to Article 11(2) shall include one or a combination of the following:	
27.	(a) collection and analysis of discrete water samples;		(a) collection and analysis of discrete water samples;	
	(b) measurements recorded by a continuous monitoring process.		(b) measurements recorded by a continuous monitoring process.	
29.	Monitoring programmes shall also include an operational monitoring programme complementary to verification monitoring, providing rapid insight in operational performance and water quality problems, and allowing rapid pre-planned remedial action. Such operational monitoring programmes shall be supply-specific, taking into account the outcomes of the hazard and supply risk assessments, and intended to confirm the effectiveness of all control measures in abstraction, treatment, distribution and storage. The operational monitoring programme shall include the monitoring of the parameter turbidity to regularly control the efficacy of physical removal by filtration processes, in accordance with the parametric values and frequencies indicated in the following table:		Deleted	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
30.	Parameter Parametric value Turbidity 0.3 NTU (95%) and not >0.5 NTU for 15 consecutive minutes Volume (m³) of Minimum frequency water distributed or produced each day within a supply zone ≤ 10 000 Daily >10 000 Online		Parameter Turbidity 0.3 NTU (95%) and not >0.5 NTU for 15 consecutive minutes Volume (m³) of water distributed or produced each day within a supply zone ≤ 10 000 Parametric value 0.3 NTU (95%) and not >0.5 NTU for 15 consecutive minutes Minimum frequency Minimum frequency Daily Online	
31.	In addition, monitoring programmes may consist of:		In addition, monitoring programmes may consist of:	
32.	(a) inspections of records of the functionality and maintenance status of equipment;		(a) inspections of records of the functionality and maintenance status of equipment;	
33.	(b) inspections of the abstraction area, and of the treatment, storage and distribution infrastructure without prejudice to monitoring requirements provided under Article 8(1)(c) and Article 10(1)(b).		(b) inspections of the abstraction area, and of the treatment, storage and distribution infrastructure without prejudice to monitoring requirements provided under Article 8(1)(c) and Article 10(1)(b).	
34.			Annex II, Part A, paragraph 2a (new)	
35.			2a. Monitoring programmes shall also include an operational monitoring programme, providing rapid insight in operational performance and water quality problems, and allowing rapid pre-planned remedial action. Such operational monitoring programmes shall be supply-specific, taking into	

	Commission's proposal	EP Amendments	Council's Gene	ral Approach	Comments/ Compromises
			account the outcome identification of haz		
			hazardous events an	d supply risk	
			assessments, and int	ended to confirm	
			the effectiveness of a	ll control	
			measures in abstract	tion, treatment,	
			distribution and stor	rage.	
36.			The operational mor	nitoring	
			programme shall inc	clude the	
			monitoring of the pa	rameter turbidity	
			at the water supply	plant to regularly	
			control the efficacy		
			removal by filtration		
			accordance with the		
			and frequencies indi	cated in the	
			following table (not	applicable for	
			groundwater source		
			is caused by iron and	d manganese):	
37.			Operation	Reference value	
			parameter		
			Turbidity	0.3 NTU in 95%	
				of samples and none to exceed	
				1 NTU	
			Volume (m ³) of	Minimum	
			water distributed or	frequency	
			produced each day		
			within a supply zone	33 71.1	
				Weekly Daily	
			>1000 to \(\sigma\) 10 000 >10 000	Online	
38.			The operational monitor		

	Commission's proposal	EP Amendments	Council's General Approach			Approach	Comments/ Compromises
			also include the monitoring of the following parameters in the raw water to control the efficacy of the treatment processes against microbiological risks:				_
39.			Operational Parameter	Reference value	Unit	Notes	
			Clostridium perfringens including spores			This parameter is to be measured if the risk assessment indicates it. If it is found in raw water, it should be analysed after steps of the treatment train in order to determine log removal by the barriers in place and to assess whether the risk of breakthrough of parasite spores (Cryptosporidia and Giardia) is sufficiently under control. This parameter is to be measured in finished drinking water if it is chlorinated.	
			Somatic coliphages	50 (for raw water)	Plaque Formi ng Units (PfU) /100 ml	This parameter is to be measured if the risk assessment indicates it. If it is found in raw water at concentrations > 50 PfU/100 ml, it should be analysed after steps of the treatment train in order to determine	

	Commission's proposal	EP Amendments	Council's General Approach			Comments/ Compromises	
						barriers in place and to assess whether the risk of breakthrough of pathogenic viruses is sufficiently under control.	
40.						all ensure that	
	monitoring programmes are reviewed on a		monitoring programmes are reviewed on				
	continuous basis and updated or		a continuous basis and updated or				
	reconfirmed at least every 6 years.		reconfirme	ed at leas	t every	6 years.	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
41.	PART B			
42.			Annex II, Part B (Title)	
43.	Core parameters and sampling frequencies		Core Parameters and sampling frequencies	
44.			Annex II, Part B, point 1	
<i>45</i> .	1. Core parameters		1. Core List of parameters	
46.			Annex II, Part B, Point 1, Group A (new)	
47.			Group A	
48.			The following parameters (Group A) shall be monitored in accordance with the monitoring frequencies set out in Table 1 of point 2:	
49.			(a) Escherichia coli (E. coli), intestinal enterococci, coliform bacteria, colony count 22 °C, colour, turbidity, taste, odour, pH, conductivity;	
50.			(b) other parameters identified as relevant in the monitoring programme, in accordance with Article 5(2) and, where relevant, through a risk assessment of the supply system as set out in Article 9 and Annex II Part C.	
51.			Under specific circumstances, the	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
			following parameters shall be added to the Group A Parameters:	•
52.			(a) ammonium and nitrite, if chloramination is used;	
53.			(b) aluminium and iron, if used as water treatment chemicals.	
54.		Annex II, Part B, Point 1, paragraph one AM 142		
55.	Escherichia coli (E. coli), Clostridium perfringens spores, and somatic coliphages are considered 'core parameters' and may not be subject to a supply risk assessment in accordance with part C of this Annex. They shall always be monitored at the frequencies set out in Table 1 of point 2.	Escherichia coli (E. coli) and <i>enterococci</i> are considered 'core parameters' and may not be subject to a supply risk assessment in accordance with part C of this Annex. They shall always be monitored at the frequencies set out in Table 1 of point 2.	Escherichia coli (E. coli) and intestinal enterococi Clostridium perfringens spores, and somatic coliphages are considered 'core parameters' and may not be subject to a reduction due to a supply risk assessment in accordance with Article 9 and part C of this Annex. They shall always be monitored at the frequencies set out in Table 1 of point 2.	
56.			Annex II, Part B, Point 1, Group B (new)	
57.			Group B	
58.			In order to determine compliance with all parametric values set out in this Directive, all other parameters not analysed under Group A and set in accordance with Article 5, except for parameters in Annex I, Part C, shall be monitored at least at the frequencies set out in Table 1 of point 2, unless a different sampling	

	Commission's prop	oosal	EP A	mendments	5	Council's C	General App	roach	Comments/ Compromises
						frequency is dete of a supply risk a in accordance w C of this Annex.	assessment o ith Article 9	carried out	•
59.	Annex II, Part B, Po	oint 2							
60.	2. Sampling frequencies					2. Sampling	frequencies		
61.	All parameters set in accordan					All parameters se		nce with	
	Article 5 shall be monitored a					Article 5 shall be			
	frequencies set out in the follo	owing Table,				the frequencies se	et out in the f	following	
	unless a different sampling fro	equency is				Table, unless a di	fferent samp	ling	
	determined on the basis of a s					frequency is deter			
	assessment carried out in accordance with					supply risk assessment carried out in			
	Article 9 and part C of this Annex:					accordance with	Article 9 and	part C of	
						this Annex:			
62.			Annex II, Par	rt B, Point 2 AM 186	, Table 1				
<i>63</i> .	Table 1								
64.	Minimum frequency of sampli	_							
	analysis for compliance moni	toring							
65.	, , , , , , , , , , , , , , , , , , , ,	mum number of nples per year 10 ^a 10 ^a	Volume of water distributed or produced each day within a supply zone (See Notes 1 and 2) m³	Group A parameter (microbiological) parameter number of samples per year	Group B parameter (chemical parameter) number of samples per	Volume of water distributed or produced each day within a supply zone (See Notes 1 and 2) m³	Group A parameter number of samples per year	Group B parameter number of samples per year	
	> 1 000	50 ^b 365	< 10	(See note 3) > 0	year > 0	≤ 10	> 0 (See Note 4)	> 0 (See Note 4)	
	>10 000	365	>10 >10 = 100	(See Note 4)	(See Note 4) 1 (See Note 5)	>10 ≤ 100	2	1 (See Note 5)	
						> 100 ≤ 1000	4	1	
			> 100 ≤ 1000	4	1				

	Commission's proposal		EP A	Amendments	S	Co	uncil's (General Ap	proach	Comments/ Compromises
		> 1000	≤ 100000 ≤ 100000	4 + 3 For each 1000m³/d and part thereof of the total volume	1 + 1 For each additional 1000m³/d and part thereof of the total volume 3	> 1000 > 10000	≤ 10000 ≤ 100000	4 for first 1000 m³/d + 3 for each additional 1000 m³/d and part thereof of the total volume (See Note 3)	m³/d and part thereof of the total volume (See Note 3)	·
		> 100000		-	+ 1 for each additional 10000m³/d and part thereof of the total volume				10000 m³/d + 1 for each additional 10000 m³/d and part thereof of the total volume (See Note 3)	
		2 100000			+1 for each additional 25000m³/d and part thereof of the total volume	> 100000			12 for first 100000 m³/d + 1 for each additional 25000 m³/d and part thereof of the total volume	
66.	a: all samples are to be taken during times when the risk of treatment breakthrough of enteric pathogens is high.			Deleted				Deleted	(See Note 3)	
67.	b: at least 10 samples are to be taken during times when the risk of treatment breakthrough of enteric pathogens is high.			Deleted				Deleted		
68.	Note 1: A supply zone is a geographically defined area within which water intended for human consumption comes from one or more sources and water quality may be considered as being approximately	defined a for huma or more	area with an consur sources a	zone is a geo in which wat mption come and water qua ng approxima	er intended s from one ality may be	geograph water in comes fr	hically d tended for com one ality ma	or human con or more sound by be consider	1	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
	uniform.	uniform.		-
69.	Note 2: The volumes are calculated as averages taken over a calendar year. The number of inhabitants in a supply zone may be used instead of the volume of water to determine the minimum frequency, assuming water consumption of 200 l/(day*capita).	Note 2: The volumes are calculated as averages taken over a calendar year. The number of inhabitants in a supply zone may be used instead of the volume of water to determine the minimum frequency, assuming water consumption of 200 l/(day*capita).	Note 2: The volumes are calculated as averages taken over a calendar year. The number of inhabitants in a supply zone may be used instead of the volume of water to determine the minimum frequency, assuming water consumption of 200 l/(day*capita).	
70.		Note 3: The frequency indicated is calculated as follows: e.g. 4 300 m 3 /day = 16 samples (four for the first 1 000 m 3 /day + 12 for additional 3 300 m 3 /day).	Note 3: The frequency indicated is calculated as follows: e.g. 4300 m ³ /d = 16 samples for group A parameters (four for the first 1000 m ³ /d + 12 for additional 3300 m ³ /d).	
71.	Note 3: Member States that have decided to exempt individual supplies under Article 3(2)(b) shall apply these frequencies only for supply zones that distribute between 10 and 100 m3 per day.	Note 4: Member States that have decided to exempt individual supplies under Article 3(2)(b) of this Directive shall apply these frequencies only for supply zones that distribute between 10 and 100 m 3 per day.	Deleted	
72.			Note 4: For water suppliers, where an exemption has not been granted under Article 3(2)(b), Member States shall lay down the mimimum sampling frequency for parameters of group A and B, provided that core parameters are monitored at least once per year.	
73.			Note 5: Member States may reduce the sampling frequency, provided that all parameters set in accordance with	

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		Article 5 are monitored at least once every ten years as well as in cases where a new water source is integrated or changes to the water supply system, where a potentially adverse effect on the quality of water is to be expected, are made.	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
74.	PART C			
75.			Annex II, Part C, title	
76.	Supply risk assessment		Risk assessment of the supply system	
77.			Annex II, Part C, (1)	
78.	1. The supply risk assessment referred to in Article 9 shall be based on the general principles of risk assessment set out in international standards such as standard EN 15975-2 concerning 'security of drinking water supply, guidelines for risk and crisis management'.		Deleted	
79.			Annex II, Part C, (2)	
	2. Following a supply risk assessment, the list of parameters considered in the monitoring shall be extended and the sampling frequencies set out in Part B increased, where any of the following conditions is fulfilled:		2. Based on the outcome of the risk assessment for the supply system as referred to in Article 9 Following a supply risk assessment, the list of parameters considered in the monitoring shall be extended and the sampling frequencies set out in Part B increased, where any of the following conditions is fulfilled:	
81.	frequencies set out in this Annex is not sufficient to fulfil the obligations imposed under Article 11(1);			
82.	(b) additional monitoring is required for the purposes of Article 11(5);			

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	(c) it is necessary to provide the assurances set out in point (1)(a) of Part A;			•
84.			Annex II, Part C, (2) (d)	
85.	(d) increasing the sampling frequencies is necessary pursuant to Article 8(3)(a).		Deleted	
86.			Annex II, Part C (3) (subparagraph one)	
	3. Following a supply risk assessment, the list of parameters considered in the monitoring and the sampling frequencies set out in Part B may be reduced provided all of the following conditions are met:		3. Following a risk assessment for the supply system supply risk assessment, the list of parameters considered in the monitoring and the sampling frequencies set out in Part B may be reduced provided all of the following conditions are met:	
88.	(a) the location and frequency of sampling is determined in relation to the parameter's origin, as well as the variability and long-term trend of its concentration, taking into account Article 6;			
90.	(b) for reducing the minimum sampling frequency of a parameter the results obtained from samples collected at regular intervals over a period of at least 3 years from sampling points representative of the whole supply zone are all less than 60 % of the parametric value; (c) for removing a parameter from the			

	Commission's proposal	EP Amendments Council's Gener	cal Approach Comments/ Compromises
	list of parameters to be monitored the		
	results obtained from samples collected at regular intervals over a period of at least 3		
	years from points representative of the		
	whole supply zone are all less than 30 %		
	of the parametric value;		
91.	(d) for removing a parameter from the		
	list of parameters to be monitored, the		
	decision is based on the result of the risk		
	assessment, informed by the results of		
	monitoring of sources of water intended		
	for human consumption and confirming		
	that human health is protected from the		
	adverse effects of any contamination of		
	water intended for human consumption, as laid down in Article 1;		
92.	(e) for reducing the sampling		
	frequency of a parameter or for removing		
	a parameter from the list of parameters to		
	be monitored, the risk assessment		
	confirms that no factor that can be		
	reasonably anticipated is likely to cause		
	deterioration of the quality of the water		
	intended for human consumption.		
93.		Annex II, P	art C (3)
		(subparagra	` /
94.	Where monitoring results, demonstrating	Where monitoring resu	
	that the conditions set out in paragraph 3	that the conditions set	
	2, points (b) to (e) are met, are already	points (b) to (e) are me	et, are already

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
	available by [the date of entry into force of		available by [the date of entry into force	
	this Directive], those monitoring results		of this Directive], those monitoring	
	may be used to adapt the monitoring		results may be used to adapt the	
	following the supply risk assessment from		monitoring following the risk	
	that date.		assessment for the supply system	
			supply risk assessment from that date.	
95.			Annex II, Part C (3)	
			(subparagraph three) (new)	
96.			Where adjustments of monitoring	
			have already been implemented	
			following the supply risk-assessment	
			in accordance, inter alia, to Part C of	
			the Commission Directive 2015/1787,	
			Member States may provide for the	
			possibility for confirming their	
			validity without requiring monitoring	
			according to paragraphs 3(b) and 3(c)	
			over another period of at least 3 years	
			from points representative of the	
			whole supply zone.	

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97.	PART D			_
98.	Sampling methods and sampling points			
99.	1. Sampling points shall be determined so as to ensure compliance with the points of compliance as defined in Article 6. In the case of a distribution network, a Member State may take samples within the supply zone or at the treatment works for particular parameters if it can be demonstrated that there would be no adverse change to the measured value of the parameters concerned. As far as possible, the number of samples shall be distributed equally in time and location.			
100				
101			Annex II, Part D, (2) (a)	
102	1. (a) compliance samples for certain chemical parameters (in particular copper, lead, <i>Legionella</i> and nickel) shall be taken at the consumer's tap without prior flushing. A random daytime sample of one litre volume is to be taken. As an alternative, Member States may use fixed stagnation time methods that better reflect their national situation, provided that, at the supply zone level, this does not result		(a) compliance samples for certain chemical parameters (in particular copper, lead, <i>Legionella</i> and nickel) shall be taken at the consumer's tap without prior flushing. A random daytime sample of one litre volume is to be taken. As an alternative, Member States may use fixed stagnation time methods that better reflect their national situation, such as the average weekly intake by	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
	in fewer cases of non-compliance than using the random daytime method;		consumers, provided that, at the supply zone level, this does not result in fewer cases of non-compliance than using the random daytime method;	•
103	2. (b) compliance samples for microbiological parameters at the point of compliance shall be taken and handled according to EN ISO 19458, sampling purpose B.			
104		Annex II, Part D, (2a) (new) AM 144		
105		2a. samples for Legionella in domestic distribution systems shall be taken at risk points for proliferation of and/or exposure to Legionella pneumophila. Member States shall establish guidelines for sampling methods for Legionella;	Samples for <i>Legionella</i> in domestic distribution systems shall be taken at risk points for proliferation of and/or points representative for systemic exposure to <i>Legionella</i> . Member States shall establish guidelines for sampling methods for <i>Legionella</i> .	
106	3. Sampling in the distribution network, with the exception of sampling at the consumers' tap, shall be in accordance with ISO 5667-5. For microbiological parameters, sampling in the distribution network shall be taken and handled according to EN ISO 19458, sampling purpose A.	•		

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107.		ANNEX II a (new) AM 145		
108.		Minimum hygiene requirements for substances and materials for the manufacture of new products coming into contact with water intended for human consumption:		
109.		a) a list of substances approved for use in the manufacture of materials, including, but not limited to, organic materials, elastomers, silicones, metals, cement, ion exchange resins and composite materials, and products made therefrom.		
110.		(b) specific requirements for the use of substances in materials and products made therefrom.		
111.		(c) specific restrictions on the migration of certain substances into water intended for human consumption.		
112.		(d) hygiene rules regarding other properties required for compliance.		
113.		(e) basic rules to verify compliance with points (a) to (d).		
114.		(f) rules concerning sampling and analysis methods to verify compliance with points (a) to (d).		

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
115	ANNEX III			
116	SPECIFICATIONS FOR THE ANALYSIS OF PARAMETERS			
117	Member States shall ensure that the methods of analysis used for the purposes of monitoring and demonstrating compliance with this Directive are validated and documented in accordance with EN ISO/IEC 17025 or other equivalent standards accepted at international level. Member States shall ensure that laboratories or parties contracted by laboratories apply quality management system practices in accordance with EN ISO/IEC 17025 or other equivalent standards accepted at international level.		Member States shall ensure that the methods of analysis used for the purposes of monitoring and demonstrating compliance with this Directive, with the exception of online turbidity, are validated and documented in accordance with EN ISO/IEC 17025 or other equivalent standards accepted at international level. Member States shall ensure that laboratories or parties contracted by laboratories apply quality management system practices in accordance with EN ISO/IEC 17025 or other equivalent standards accepted at international level.	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
118			For the purposes of assessing the equivalence of alternative methods with the methods laid down in this Annex, Member States may use standard EN ISO 17994, established as the standard on the equivalence of microbiological methods or standard EN ISO 16140 or any other similar internationally accepted protocols, to establish the equivalence of methods based on principles other than culturing, which are beyond the scope of EN ISO 17994.	
119	In the absence of an analytical method meeting the minimum performance criteria set out in Part B, Member States shall ensure that monitoring is carried out using best available techniques not entailing excessive costs.			
120	PART A			
121	Microbiological parameters for which methods of analysis are specified			
	The methods for microbiological parameters are:			
123	(a) Escherichia coli (E. coli) and coliform bacteria (EN ISO 9308-1 or EN ISO 9308-2)			

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
124			Annex III, Part A, letters (b) - (h)	
125	(b) Enterococci (EN ISO 7899-2)		(b) Intestinal enterococci (EN ISO 7899-2)	
126	(c) Pseudomonas aeruginosa (EN ISO 16266)		(c) Pseudomonas aeruginosa (EN ISO 16266)	
127	(d) colony count or heterotrophic plate counts at 22°C (EN ISO 6222)			
128	(e) Clostridium perfringens including spores (EN ISO 14189)			
129	(f) Turbidity (EN ISO 7027)		(f) Turbidity (EN ISO 7027)	
130			(g) Legionella (EN ISO 11731) In case of outbreak, quick test could be used as a complement to the culture methods.	
131	(h) Somatic coliphages (EN ISO 10705-2)		(h) Somatic coliphages (EN ISO 10705-2; EN ISO 10705-3)	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
132.	PART B			_
133.	Chemical and indicator parameters for which performance characteristics are specified			
134.			Annex III, Part B, point 1	
135.	1. Chemical parameters		1. Chemical and indicator parameters	
	For the parameters set out in Table 1, the method of analysis used shall, as a minimum, be capable of measuring concentrations equal to the parametric value with a limit of quantification, as defined in Article 2(2) of Commission Directive 2009/90/EC ⁴ , of 30 % or less of the relevant parametric value and an uncertainty of measurement as specified in Table 1. The result shall be expressed using at least the same number of significant figures as for the parametric value considered in Part B of Annex I.		For the parameters set out in Table 1, the method of analysis used shall, as a minimum, be capable of measuring concentrations equal to the parametric value with a limit of quantification, as defined in Article 2(2) of Commission Directive 2009/90/EC ⁴ , of 30 % or less of the relevant parametric value and an uncertainty of measurement as specified in Table 1. The result shall be expressed using at least the same number of significant figures as for the parametric value considered in Parts B and Ba of Annex I.	
137.	The uncertainty of measurement laid down in Table 1 shall not be used as an additional tolerance to the parametric values set out in Annex I.			
138.	4. Commission Directive 2009/90/EC of 31 July 2009 laying down, pursuant to Directive			

	Commis	ssion's propo	sal	EP Amendments	Council's	s General Appr	oach	Comments/ Compromises
	2000/60/EC of the Eu Council, technical spe analysis and monitori 1.8.2009, p. 36).	ecifications for o	chemical					•
	Table 1							
	Minimum perform 'Uncertainty of m		teristic					
141.				Annex III, part B, point 1, table 1, row 28 AMs 177 and 224	Annex]	III, part B, poin table 1	nt 1,	
142.	Parameters	Uncertainty of measurement (See Note 1) % of the parametric value	Notes		Parameters	Uncertainty of measurement (See Note 1) % of the parametric value (except for	Notes	
	Acrylamide	30			41	pH)		
	Antimony	40			Aluminium Ammonium	25 40		
	Arsenic	30			Acrylamide	30		
	Benzo(a)pyrene	50	See Note 2		Antimony	40		
	Benzene	40			Arsenic	30		
	Beta-estradiol (50-28-2)	50			Benzo(a)pyrene	50	See Note 2	
	Bisphenol A	50			Benzene	40	Sec Note 2	
	Boron Bromate	25 40			Beta-estradiol (50- 28-2)	50		
	Cadmium	25			Bisphenol A	50		
	Chlorate	30			Boron	25		
	Chlorite	30			Bromate	40		
	Chromium	30			Cadmium	25		
	Copper	25			Chloride	15		
	Cyanide	30	See Note 3		Chlorate	30 40		
	1,2-dichloroethane	40			Chlorite	30 40		
	Epichlorohydrin	30			Chromium	30		
	Fluoride	20			Copper	25		
	HAAs	50			Cyanide	30	See Note 3	
	Lead	25				1		

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Mercury	30					1,2-dichloroethane	40		•
Microcystin-LR	30					Epichlorohydrin	30		
Nickel	25					Fluoride	20		
Nitrate	15					HAAs	50		
Nitrite Nonylphenol	20 50					Hydrogen ion concentration pH	0,2	See Note 4	
Pesticides	30	See Note 4				Iron	30		
PFASs		See Note 4				Lead	25 30		
	50	C. N 5	PFASs	20		Manganese	30		
Polycyclic aromatic hydrocarbons	30	See Note 5	FFASS	20		Mercury	30		
Selenium	40					Microcystin-LR	30		
Tetrachloroethene	30	See Note 6				Nickel	25		
Trichloroethene	40	See Note 6				Nitrate	15		
Trihalomethanes — total	40	See Note 5				Nitrite	20		
Uranium	30					Nonylphenol	50		
Vinyl chloride	50					Oxidisability	50	See Note 5	
						Pesticides	30	See Note 6	
						PFASs	50		
						Polycyclic aromatic hydrocarbons	30 40	See Note 7	
						Selenium	40		
						Sodium	15		
						Sulphate	15		
						Tetrachloroethene	30 40	See Note 8	
						Trichloroethene	40	See Note 8	
						Trihalomethanes — total	40	See Note 7	
						Total organic carbon (TOC)	30	See Note 9	
						Turbidity	30	See Note 10	
						Uranium	30		
						Vinyl chloride	50		

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143.	2. Notes to Table 1			•
144.	Note 1: Uncertainty of measurement is a non-negative parameter characterising the dispersion of the quantity values being attributed to a measurand, based on the information used. The performance criterion for measurement uncertainty (k = 2) is the percentage of the parametric value stated in the table or any stricter value. Measurement uncertainty shall be estimated at the level of the parametric value, unless otherwise specified.			
145.	Note 2: If the value of uncertainty of measurement cannot be met, the best available technique should be selected (up to 60 %).			
146.	<i>Note 3:</i> The method determines total cyanide in all forms.			
147.			Annex III, part B, point 2, notes 4 - 10	
148.			Note 4: The value for the uncertainty of measurement is expressed in pH units.	
149.			Note 5: Reference method: EN ISO 8467.	
150.	Note 4: The performance characteristics for individual pesticides are given as an indication. Values for the uncertainty of measurement as low as 30 % can be achieved for several pesticides, higher		Note 6: The performance characteristics for individual pesticides are given as an indication. Values for the uncertainty of measurement as low as 30 % can be achieved for several pesticides, higher	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
	values up to 80 % may be allowed for a		values up to 80 % may be allowed for a	•
	number of pesticides.		number of pesticides.	
151.	<i>Note 5:</i> The performance characteristics		<i>Note 7:</i> The performance characteristics	
	apply to individual substances, specified at		apply to individual substances, specified	
	25 % of the parametric value in Part B of		at 25 % of the parametric value in Part B	
	Annex I.		of Annex I.	
152.	<i>Note 6:</i> The performance characteristics		<i>Note 8:</i> The performance characteristics	
	apply to individual substances, specified at		apply to individual substances, specified	
	50 % of the parametric value in Part B of		at 50 % of the parametric value in Part B	
	Annex I.		of Annex I.	
153.			Note 9: The uncertainty of	
			measurement should be estimated at	
			the level of 3 mg/l of the total organic	
			carbon (TOC). CEN 1484 Guidelines	
			for the determination of TOC and	
			dissolved organic carbon (DOC) shall	
			be used for the specification of the	
			uncertainty of the test method.	
154.			Note 10: The uncertainty of	
			measurement should be estimated at	
			the level of 1,0 NTU, (nephelometric	
			turbidity units) in accordance with EN	
			ISO 7027 or other equivalent standard	
			method.	
155.			Annex III, part B, point 3 (new)	
156.			3. Sum of PFASs	
157.			The following relevant substances	
1			could be analysed based on the	
			technical guidelines developed in	

Co	ommission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
			accordance with art. 11 (6) of this Directive:	•
158.			 Perfluorohexanesulfonic acid (PFHxS) Perfluoroheptane sulfonic acid (PFHpS) Perfluorooctanesulfonic acid (PFOS) Perfluorononane sulfonic acid (PFNS) Perfluorodecane sulfonic acid (PFDS) Perfluoroundecane sulfonic acid Perfluorotridecane sulfonic acid Perfluorotridecane sulfonic acid Perfluorohexanoic acid (PFHxA) Perfluorohexanoic acid (PFHxA) Perfluorooctanoic acid (PFOA) Perfluorodecanoic acid (PFNA) Perfluorodecanoic acid (PFDA) Perfluorododecanoic acid (PFDA) Perfluorododecanoic acid (PFDODA) Perfluorotridecanoic acid (PFTDODA) Perfluorotridecanoic acid (PFTDODA) 	
159.			These substances shall be monitored when the risk assessment and risk management of the catchment area(s) performed in accordance with Article	

Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
		8 of this Directive conclude that these substances are likely to be present in a given water supply.	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
160	ANNEX IV			
161		Annex IV, title AM 146		
162	INFORMATION TO THE PUBLIC TO BE PROVIDED ONLINE	INFORMATION TO THE PUBLIC		
163		Annex IV, paragraph one, intro AM 147		
164	The following information shall be accessible to consumers on-line in a user-friendly and customized way:	The following information shall be accessible to consumers on-line <i>or</i> in <i>equally</i> user-friendly and customized <i>ways</i> :	The following information shall be accessible to consumers on-line in a user-friendly and customized way or by other means :	
165		Annex IV, point 1 AM 148		
166	(1) identification of the relevant water supplier;	(1) identification of the relevant water supplier, the area and number of people supplied, and the method of water production;		
167		Annex IV, point 2 AM 149		
168	(2) the most recent monitoring results for parameters listed in Annex I, parts A and B, including frequency and location of sampling points, relevant to the area of interest to the person supplied, together with the parametric value set in accordance with Article 5. The monitoring results must not be older than:	(2) a review of the most recent monitoring results per water supplier, for parameters listed in Annex I, parts A, B and Ba, including frequency relevant to the area of interest to the person supplied, together with and the parametric value set in accordance with Article 5. The monitoring results must not be older than:	(2) the most recent monitoring results for parameters listed in Annex I, parts A, and B and Ba, including frequency and location of sampling points, relevant to the area of interest to the person supplied, together with the parametric value set in accordance with Article 5. The monitoring results must not be older than one year:	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
169			Annex IV, parag. one, point 2(a)	
170	(a) one month, for very large water suppliers;		Deleted	
171		Annex IV, point 2(b) AM 202		
172	(b) six months for large water suppliers;	(b) six months for <i>medium and</i> large water suppliers;	Deleted	
173		Annex IV, point 2(c) AM 203		
174	(c) one year for small water suppliers;	(c) one year for <i>very small and</i> small water suppliers;	Deleted	
175			Annex IV, point 2a (new)	
176			(2a) general information on types of water treatment and disinfection applied;	
177		Annex IV, point 3 AM 150		
178	(3) in case of exceedance of the parametric values set in accordance with Article 5, information on the potential danger to human health and the associated health and consumption advice or a hyperlink providing access to such information;	(3) in case of potential danger to human health as determined by competent authorities following an exceedance of the parametric values set in accordance with Article 5, information on the potential danger to human health and the associated health and consumption advice or a hyperlink providing access to such information;	(3) in case of exceedance of the parametric values set in accordance with Article 5 and which are considered as relevant for human health by the competent authorities or other relevant bodies, information on the potential danger to human health and the associated health and consumption advice or a hyperlink providing access to such information;	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
179		Annex IV, point 4 AM 151		
180	(4) a summary of the relevant supply risk assessment;	Deleted	(4) a summary of the relevant information on supply risk assessment;	
181		Annex IV, point 5 AM 152		
182	(5) information on the following indicator parameters and associated parametric values:	(5) information on the indicator parameters <i>listed in part Ba of Annex 1</i> and associated parametric values;	(5) information on the following indicator parameters and associated parametric values:	
	 (a) Colour; (b) pH (Hydrogen ion concentration); (c) Conductivity; (d) Iron; (e) Manganese; (f) Odour; (g) Taste; (h) Hardness; (i) Minerals, anions/cations dissolved in water: 	Deleted	(a) Colour; (b) pH (Hydrogen ion concentration); (c) Conductivity; (d) Iron; (e) Manganese; (f) Odour; (g) Taste; (h) Hardness; (i) Minerals, anions/cations dissolved in water:	
184	 Borate BO3- Carbonate CO32- Chloride CI- Fluoride F- Hydrogen Carbonate HCO3- Nitrate NO3- Nitrite NO2- Phosphate PO43- Silicate SiO2 Sulphate SO42- Sulphide S2- 	Deleted		

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
	- Aluminium Al		Aluminium Al	-
	- Ammonium NH4+		Ammonium NH4+	
	- Calcium Ca		- Calcium Ca	
	Magnesium MgPotassium K		Magnesium MgPotassium K	
	Potassium KSodium Na		Sodium Na	
185			- Soutum Na	
103	Those parametric values and other non- ionised compounds and trace elements	Deleted	Deleted	
	may be displayed with a reference value			
	and/or an explanation;			
186		Annex IV, point 6		
100		AM 153		
187	(6) advice to consumers including on	(6) advice to consumers including on	(6) advice to consumers including	
	how to reduce water consumption;	how to reduce water consumption where	on how to reduce water consumption	
	now to reduce water consumption,	appropriate and use water responsibly	and avoid health risks due to	
		according to local conditions;	stagnant water;	
188		Annex IV, point 7	Sugara (week)	
		AM 154		
189	(7) for very large water suppliers,	(7) for <i>large and</i> very large water		
	annual information on:	suppliers, annual information on:		
190		Annex IV, point 7(a)		
		AM 155		
191	(a) the overall performance of the	(a) the overall performance of the	(a) the overall performance of the	
	water system in terms of efficiency,	water system in terms of efficiency,	water system in terms of efficiency,	
	including leakage rates and energy	including leakage levels as determined by	including for instance leakage rates and	
	consumption per cubic meter of delivered	the Member States;	energy consumption per cubic meter of	
	water;		delivered water;	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
192		Annex IV, point 7(b) AM 156		
193	(b) information on management and governance of the water supplier, including the composition of the board;	(b) information on management model and the ownership structure of the water supply by the water supplier	Deleted	
194			Annex IV, point 7(c)	
195	(c) water quantity supplied yearly and trends;		Deleted	
196		Annex IV, point 7(d) AM 157		
	(d) information on the cost structure of the tariff charged to consumers per cubic meter of water, including fixed and variable costs, presenting at least costs related to energy use per cubic meter of delivered water, measures taken by water suppliers for the purposes of the hazard assessment pursuant to Article 8(4), treatment and distribution of water intended for human consumption, waste water collection and treatment, and costs related to measures for the purposes of Article 13, where such measures have been taken by water suppliers;	(d) where costs are recovered through a tariff system, information on the structure of the tariff per cubic meter of water, including fixed and variable costs as well as costs related to measures taken by water suppliers for the purposes of the hazard assessment pursuant to Article 8(4), treatment and distribution of water intended for human consumption, and costs related to measures for the purposes of Article 13, where such measures have been taken by water suppliers;	Deleted	
198		Annex IV, point 7(e)		
199	(e) the amount of investment considered necessary by the supplier to ensure the financial sustainability of the provision of water services (including	AM 158 (e) the amount of investment undertaken, under way and planned, as well as the financing plan;	Deleted	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
	maintenance of infrastructure) and the amount of investment actually received or recouped;			
200	1 /		Annex IV, point 7(f)	
201	(f) types of water treatment and disinfection applied;		Deleted	
202		Annex IV, point 7(g) AM 159		
203	(g) summary and statistics of consumer complaints, and of timeliness and adequacy of responses to problems;	(g) summary and statistics of consumer complaints, and <i>how they are resolved</i> ;	Deleted	
204		Annex IV, point 8 AM 160		
205	(8) access to historical data for information under points (2) and (3), dating back up to 10 years, upon request.	(8) access to historical data for information under points (2) and (3), dating back up to 10 years, and not earlier than the date of transposition of this Directive upon request.	(8) Upon justified request, consumers shall be provided with the information under points (1) to (5) in hard copy or shall be given access to historical data for information under points (2) and (3), dating back up to 10 years if available, upon request.	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
206.			ANNEX VII (new)	
207.			PRINCIPLES FOR SETTING	
			COMMON METHODOLOGIES	
208.			Groups of materials	
209.			1 Organic materials	
210.			Organic materials may only be made of the starting substances given in the positive list and in general for substances for which it can be ruled out that the substance and its reaction products are present at levels exceeding 0.1 µg/l in water for human consumption unless - for specific substances a more stringent value is needed taking into account their toxicity. Where applicable practice for materials in contact with drinking water can be based on what is already in operation at the European level for materials in contact with food (positive list) (Commission Regulation (EU) No 10/2011, hereinafter referred to as: 10/2011/EC). The Union list of Commission Regulation (EU) No 10/2011 shall form the basis of the	
			European positive List for organic	
211			materials.	
211.			Organic materials shall be tested according to table 1 in line with	

Commission's proposal		EP Amendments	Council's General Approach	Comments/ Compromises
			specified EN testing methods and must	-
			satisfy the requirements stipulated	
			therein. For this purpose, the test	
			results in terms of substance migration	
			shall be converted into levels expected	
			at the tap.	
212.			2 Metallic materials	
213.			Only metallic materials included in the	
			positive list of compositions under this	
			Directive shall be used. The limitations	
			stipulated in the European positive list	
			in respect of the composition of these	
			materials, their use for certain	
			products and the use of these products	
			shall be complied with.	
214.			Compositions shall be tested according	
			to table 1 in line with specified EN	
			testing methods and must satisfy the	
			requirements stipulated therein.	
215.			3 Cementitious materials	
216.			Cementitious materials are made of	
			constituents (inorganic or organic).	
			The organic constituents are made	
			from starting substances. Cement-	
			bound materials in contact with water	
			for human consumption may only be	
			made of the constituents' types given	
			in the European positive list (approved	
			constituent list). Certain constituent	
			types may only be made of the starting	

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
			substances given in the positive lists and substances for which it can be ruled out that the substances and their reaction products are present at levels exceeding 0.1 µg/l in water for human consumption. Other constituent types must comply with appropriate	
217.			European Standards. Cement-bound materials shall be tested according to table 1 in line with specified EN testing methods and must satisfy the requirements stipulated therein. For this purpose, the test results in terms of substance migration shall be converted into levels expected at the tap.	
218. 219.			4 Enamels and ceramic materials Enamels and ceramic materials in contact with water for human consumption may only be made of the starting substances types given in the European positive list (approved composition list) under this Directive. There has to be an assessment of the metallic elements used in the	
220.			composition of these materials. Enamels and ceramic materials shall be tested according to table 1 in line with specified EN testing methods and must satisfy the requirements	

	Commission's proposal	EP Amendments	Council's General Approach					Comments/ Compromises
			stipulated					
			the test re					
			migration				ıto	
			levels exp					
221.				-	s for ass		•	
			materials	used in	minor a	end ass	embled	
			componer	its				
222.			Describin	g the te	ests, requ	uirem	ents,	
			and proce	edure fo	or appro	val of		
			assemble					
			detailing					
			of minor					
			materials					
			to a level					
			water quality that does not require the					
			full testing.					
223.					Table 1			
224.			Testin	g relate	ed to ma	terial	types	
225.			Criteria	Organic	Metallic	Cement	Enamels	
				(1)	(2)	itious	and ceramic	
							materials	
			European					
			Positive lists					
			Positive lists	X	N.N.	X	N.N	
			of starting substances					
			organic					
			materials					

Commission's proposal	EP Amendments	Cou	ncil's G	General A	Appro	ach	Comments/ Compromises
		Positive lists of accepted metallic compositions	N.N.	X	N.N.	N.N	
		Approved Constituent list Cementitious materials	N.N.	N.N.	X	N.N.	
		Positive list of accepted enamels and ceramic compositions	N.N	N.N	N.N	X	
		Organoleptic tests					
		Odour and flavour	X	N.N.	X	N.N.	
		Color and Turbidity	X	N.N.	X	N.N.	
		General hygiene assessments					
		Leaching of total organic carbon	X	N.N.	X	N.N.	
		Surface residues (metals)	N.N.	X	N.N.	N.N.	

	Commission's proposal	EP Amendments	Council's General Approach					Comments/ Compromises
			Migration testing					
			Relevant DWD parameters	X	Х	X	Х	
			SML of PL substances	X	N.N.	X (3)	N.N.	
			Unsuspected substances (GCMS)	X	N.N.	X (3)	N.N.	
			CL compliance	N.N.	X	N.N.	X	
			Enhancemen t of microbial growth	X	N.N.	X (3)	N.N.	
226.			N.N: Not necessary SML: Specific Migration Limit (based on 10% allocation factor)					
			on 10% allocation factor) GCMS: Gas Chromatography – Mass Spectrometry (screening method)					

	Commission's proposal	EP Amendments	Council's General Approach	Comments/ Compromises
227.			Note 1: Specific exceptions to be	
			determined in line with paragraph 5 of	
			this Annex;	
228.			Note 2: Metals will not be subject to	
			organoleptic testing because it is	
			generally accepted that if DWD limits	
			are met, organoleptic problems are	
			unlikely to arise;	
229.			Note 3: Depending on the existence of	
			organic substances in the composition.	