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INFORMATION

From: To:	General Secretariat of the Council Working Party on the Environment
N° Cion doc.:	14265/22 + ADD 1
Subject:	Priority Substances in Water Directive: WPE on 11 December 2023 – Corrections to Annex I of Directive 2008/105/EC on environmental quality standards in the field of water policy proposed by the Commission

Delegations will find attached, for information, additional corrections proposed by the Commission to Annex I of Directive 2008/105/EC on environmental quality standards in the field of water policy, following the final opinion of the Scientific Committee on Health, Environmental and Emerging Risks (SCHEER).

Working document (informal) re Annex V to the Integrated Water Management proposal, re changes needed to EQSD Annex I

23 November 2023

Amendments following the final SCHEER opinion are shown in **bold** and ~~strikethrough~~, including corrections to typos and similar errors. All are highlighted.

ANNEX I PART A: ENVIRONMENTAL QUALITY STANDARDS

~~Note 1: Where an EQS is listed between [], this value is subject to confirmation in the light of the opinion requested from the Scientific Committee on Health, Environmental and Emerging Risks.~~

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
[Entry] N°	Name of substance	Category of substances	CAS number ([1])	EU number ([2])	AA-EQS ([3]) Inland surface waters ([4]) [µg/l]	AA-EQS ([3]) Other surface waters [µg/l]	MAC-EQS ([5]) Inland surface waters ([4]) [µg/l]	MAC-EQS ([5]) Other surface waters [µg/l]	EQS Biota ([6]) [µg/kg wet weight] or EQS Sediment [µg /kg dry weight] where so indicated	Identified as a priority hazardous substance	Identified as an Ubiquitous Persistent, Bioaccumulative and Toxic (uPBT) substance	Identified as a substance that tends to accumulate in sediment and/or biota
(1)	The substance Alachlor has been moved to Part C of Annex II											
(2)	Anthracene	Industrial substances	120-12-7	204-371-1	0,1	0,1	0,1	0,1		X		X
(3)	Atrazine	Herbicides	1912-24-9	217-617-8	0,6	0,6	2,0	2,0				
(4)	Benzene	Industrial substances	71-43-2	200-753-7	10	8	50	50				

(5)	Brominated diphenylethers	Industrial substances	not applicable	not applicable			0,14 ([7])	0,014 ([7])	~~[~~0,00028~~]~~ ([7])	X ([8])	X	X
(6)	Cadmium and its compounds (depending on water hardness classes) ([9])	Metals	7440-43-9	231-152-8	≤ 0,08 (Class 1) 0,08 (Class 2) 0,09 (Class 3) 0,15 (Class 4) 0,25 (Class 5)	0,2	≤ 0,45 (Class 1) 0,45 (Class 2) 0,6 (Class 3) 0,9 (Class 4) 1,5 (Class 5)	≤ 0,45 (Class 1) 0,45 (Class 2) 0,6 (Class 3) 0,9 (Class 4) 1,5 (Class 5)		X		X
(6a)	The substance Carbon tetrachloride has been moved to Part C of Annex II											
(7)	C_{10-13} Chloroalkanes ([10])	Industrial substances	85535-84-8	287-476-5	0,4	0,4	1,4	1,4		X		X
(8)	The substance Chlorfenvinphos has been moved to Part C of Annex II											
(9)	Chlorpyrifos (Chlorpyrifos-ethyl)	Organophosphate pesticides	2921-88-2	220-864-4	$4,6 \times 10^{-4}$	$4,6 \times 10^{-5}$	0,0026	$5,2 \times 10^{-4}$		X	X	X
(9a)	Cyclodiene pesticides: Aldrin Dieldrin Endrin Isodrin	Organochlorine pesticides	 309-00-2 60-57-1 72-20-8 465-73-6	 206-215-8 200-484-5 200-775-7 207-366-2	Σ = 0,01	Σ = 0,005	not applicable	not applicable		X		
(9b)	DDT total ([11])	Organochlorine pesticides	not applicable	not applicable	0,025	0,025	not applicable	not applicable		X		
	para-para-DDT		50-29-3	200-024-3	0,01	0,01	not applicable	not applicable		X		
(10)	1,2-Dichloroethane	Industrial substances	107-06-2	203-458-1	10	10	not applicable	not applicable		X		

(11)	Dichloromethane	Industrial substances	75-09-2	200-838-9	20	20	not applicable	not applicable				
(12)	Di(2-ethylhexyl)-phthalate (DEHP)	Industrial substances	117-81-7	204-211-0	1,3	1,3	not applicable	not applicable		X		X
(13)	Diuron	Herbicides	330-54-1	206-354-4	0,049	0,0049	0,27	0,054				
(14)	Endosulfan	Organochlorine pesticides	115-29-7	204-079-4	0,005	0,0005	0,01	0,004		X		
(15)	Fluoranthene	Industrial substances	206-44-0	205-912-4	$7{,}62 \times 10^{-4}$	$7{,}62 \times 10^{-4}$	0,12	0,012	6,1	X	X	X
(16)	Hexachlorobenzene	Organochlorine pesticides	118-74-1	204-273-9			0,5	0,05	~~20~~ **1**	X		X
(17)	Hexachlorobutadiene	Industrial substances (solvents)	87-68-3	201-765-5	~~9×10^{-4}~~		0,6	~~0,6~~ **0,06**	21	X		X
(18)	Hexachlorocyclohexane	Insecticides	608-73-1	210-168-9	0,02	0,002	0,04	0,02		X		X
(19)	Isoproturon	Herbicides	34123-59-6	251-835-4	0,3	0,3	1,0	1,0				
(20)	Lead and its compounds	Metals	7439-92-1	231-100-4	1,2 (12)	1,3	14	14		X		X
(21)	Mercury and its compounds	Metals	7439-97-6	231-106-7			0,07	0,07	~~[10]~~ **11** ~~(13)~~	X	X	X
(22)	Naphthalene	Industrial substances	91-20-3	202-049-5	2	2	130	130				
(23)	Nickel and its compounds	Metals	7440-02-0	231-111-4	2 (12)	3,1	8,2	8,2				
(24)	Nonylphenols (14) (4-Nonylphenol)	Industrial substances	84852-15-3	284-325-5	0,037	0,0018	2,1	0,17		X		

(25)	Octylphenols ([15]) ((4-(1,1',3,3'-tetramethylbutyl)-phenol))	Industrial substances	140-66-9	205-426-2	0,1	0,01	not applicable	not applicable		X		
(26)	Pentachlorobenzene	Industrial substances	608-93-5	210-172-0	0,007	0,0007	not applicable	not applicable		X		X
(27)	Pentachlorophenol	Organochlorine pesticides	87-86-5	201-778-6	0,4	0,4	1	1		X		
(28)	Polyaromatic hydrocarbons (PAHs) ([16])	Combustion products	not applicable	not applicable	not applicable	not applicable	not applicable	not applicable	Sum of Benzo(a)pyrene equivalents ~~[0,6]~~ ([17])	X	X	X
	Benzo(a)pyrene		50-32-8	200-028-5			~~0,27~~ **0,5**	~~0,027~~ **0,05**	~~[0,6]~~			
	Benzo(b)fluoranthene		205-99-2	205-911-9			0,017	0,017	see footnote 17			
	Benzo(k)fluoranthene		207-08-9	205-916-6			0,017	0,017	see footnote 17			
	Benzo(g,h,i)perylene		191-24-2	205-883-8			$8,2 \times 10^{-3}$	$8,2 \times 10^{-4}$	see footnote 17			
	Indeno(1,2,3-cd)pyrene		193-39-5	205-893-2			not applicable	not applicable	see footnote 17			
	Chrysene		218-01-9	205-923-4			0,07	0,007	see footnote 17			
	Benzo(a)anthracene		56-55-3	200-280-6			0,1	0,01	see footnote 17			
	Dibenz(a,h)anthracene		53-70-3	200-181-8			0,014	0,0014	see footnote 17			
	Fluoranthene		**206-44-0**	**205-912-4**			**0,12**	**0,012**	**see footnote 17**			

(29)	The Substance Simazine has been moved to Part C of Annex II											
(29a)	Tetrachloroethylene	Industrial substances	127-18-4	204-825-9	10	10	not applicable	not applicable				
(29b)	Trichloroethylene	Industrial substances	79-01-6	201-167-4	10	10	not applicable	not applicable		X		
(30)	Tributyltin compounds ([18]) (Tributyltin-cation)	Biocides	36643-28-4	not applicable	0,0002	0,0002	0,0015	0,0015	~~[1,3]~~ **1,6** ([19])	X	X	X
(31)	Trichlorobenzenes	Industrial substances (solvents)	12002-48-1	234-413-4	0,4	0,4	not applicable	not applicable				
(32)	Trichloromethane	Industrial substances	67-66-3	200-663-8	2,5	2,5	not applicable	not applicable				
(33)	Trifluralin	Herbicides	1582-09-8	216-428-8	0,03	0,03	not applicable	not applicable		X		
(34)	Dicofol	Organochlorine pesticides	115-32-2	204-082-0	~~[~~$4{,}45 \times 10^{-3}$~~]~~	~~[~~$0{,}185 \times 10^{-3}$~~]~~	not applicable ([20])	not applicable ([20])	~~[5.45]~~ **4,6**	X		X
(35)	Perfluorooctane sulfonic acid and its derivatives (PFOS)	Industrial substances	1763-23-1	217-179-8	Covered by substance group 65 (Per- and ~~poly-fluorinated~~ **polyfluoro**alkyl substances (PFAS) – sum of 24)							
(36)	Quinoxyfen	Plant protection products	124495-18-7	not applicable	0,15	0,015	2,7	0,54		X		X
(37)	Dioxins and dioxin-like compounds ([21])	Industrial byproducts	not applicable	not applicable			not applicable	not applicable	Sum of PCDDs+ PCDFs+ PCB-DLs equivalents ~~[~~$3{,}5$ **x** 10^{-5}~~]~~ ([22])	X	X	X

(38)	Aclonifen	Herbicides	74070-46-5	277-704-1	0,12	0,012	0,12	0,012				
(39)	Bifenox	Herbicides	42576-02-3	255-894-7	0,012	0,0012	0,04	0,004				
(40)	Cybutryne	Biocides	28159-98-0	248-872-3	0,0025	0,0025	0,016	0,016				
(41)	Cypermethrin ([23])	Pyrethroid pesticides	52315-07-8	257-842-9	3×10^{-5}	3×10^{-6}	6×10^{-4}	6×10^{-5}				X
(42)	Dichlorvos	Organophosphate pesticides	62-73-7	200-547-7	6×10^{-4}	6×10^{-5}	7×10^{-4}	7×10^{-5}				
(43)	Hexabromocyclododecane (HBCDD) ([24])	Industrial substances	See footnote 24	See footnote 24	~~$4,6 \times 10^{-4}$~~	~~2×10^{-5}~~	0,5	0,05	~~3,5~~	X	X	X
(44)	Heptachlor and heptachlor epoxide	Organochlorine pesticides	76-44-8 / 1024-57-3	200-962-3/ 213-831-0	~~$1,7 \times 10^{-7}$~~	~~$1,7 \times 10^{-7}$~~	3×10^{-4}	3×10^{-5}	~~0,013~~	X	X	X
(45)	Terbutryn	Herbicides	886-50-0	212-950-5	0,065	0,0065	0,34	0,034				
(46)	17 alpha-ethinylestradiol (EE2)	Pharmaceuticals (Estrogenic hormones)	57-63-6	200-342-2	$1,7 \times 10^{-5}$	$1,6 \times 10^{-6}$	not derived	not derived				
(47)	17 beta-estradiol (E2)	Pharmaceuticals (Estrogenic hormones)	50-28-2	200-023-8	0,00018	9×10^{-6}	not derived	not derived				
(48)	Acetamiprid	Neonicotinoid pesticides	135410-20-7 / 160430-64-8	603-921-1	0,037	0,0037	0,16	0,016				

(49)	Azithromycin	Pharmaceuticals (Macrolide antibiotics)	83905-01-5	617-500-5	0,019	0,0019	0,18	0,018				X
(50)	Bifenthrin	Pyrethroid pesticides	82657-04-3	617-373-6	$9,5 \times 10^{-5}$	$9,5 \times 10^{-6}$	0,011	0,001				X
(51)	Bisphenol-A (BPA)	Industrial substances	80-05-7	201-245-8	~~$3,4 \times 10^{-5}$~~ **$1,7 \times 10^{-4}$**	~~$3,4 \times 10^{-5}$~~ **$1,7 \times 10^{-4}$**	130	51	~~0,005~~ **0,025**	X		
(52)	Carbamazepine	Pharmaceuticals	298-46-4	206-062-7	2,5	0,25	$1,6 \times 10^{3}$	160				
(53)	Clarithromycin	Pharmaceuticals (Macrolide antibiotics)	81103-11-9	658-034-2	0,13	0,013	0,13	0,013				X
(54)	Clothianidin	Neonicotinoid pesticides	210880-92-5	433-460-1	0,01	0,001	0,34	0,034				
(55)	Deltamethrin	Pyrethroid pesticides	52918-63-5	258-256-6	$1,7 \times 10^{-6}$	$1,7 \times 10^{-7}$	$1,7 \times 10^{-5}$	$3,4 \times 10^{-6}$				X
(56)	Diclofenac	Pharmaceuticals	15307-86-5 / 15307-79-6	239-348-5 / 239-346-4	0,04	0,004	250	25				X
(57)	Erythromycin	Pharmaceuticals (Macrolide antibiotics)	114-07-8	204-040-1	0,5	0,05	1	0,1				X
(58)	Esfenvalerate	Pyrethroid pesticides	66230-04-4	613-911-9	$1,7 \times 10^{-5}$	$1,7 \times 10^{-6}$	0,0085	0,00085				X
(59)	Estrone (E1)	Pharmaceuticals (Estrogenic hormones)	53-16-7	200-164-5	$3,6 \times 10^{-4}$	$1,8 \times 10^{-5}$	not derived	not derived				

(60)	Glyphosate	Herbicides	1071-83-6	213-997-4	0,1 ([25]) 86,7 ([26])	8,67	**Not applicable([25])** 398,6(**[26]**)	39,86				
(61)	Ibuprofen	Pharmaceuticals	15687-27-1	239-784-6	~~0,22~~ **0,14**	~~0,022~~ **0,014**						X
(62)	Imidacloprid	Neonicotinoid pesticides	138261-41-3 / 105827-78-9	428-040-8	0,0068	$6,8 \times 10^{-4}$	0,057	0,0057				
(63)	Nicosulfuron	Herbicides	111991-09-4	601-148-4	0,0087	$8,7 \times 10^{-4}$	0,23	0,023				
(64)	Permethrin	Pyrethroid pesticides	52645-53-1	258-067-9	$2,7\times 10^{-4}$	2.7×10^{-5}	0,0025	$2,5 \times 10^{-4}$				X
(65)	Per- and ~~poly-fluorinated~~ **polyflouro**alkyl substances (PFAS) – sum of 24 ([27])	Industrial substances	not applicable	not applicable	Sum of PFOA equivalents 0,0044 ([28])	Sum of PFOA equivalents 0,0044 ([28])	not applicable	not applicable	Sum of PFOA equivalents 0,077 ([28])	X	X	X
(66)	Silver	Metals	7440-22-4	231-131-3	0,01	0,006 (10~~%~~**‰** salinity) 0,17 (30~~%~~**‰** salinity)	0,022	not derived				
(67)	Thiacloprid	Neonicotinoid pesticides	111988-49-9	601-147-9	0,01	0,001	0,05	0,005				
(68)	Thiamethoxam	Neonicotinoid pesticides	153719-23-4	428-650-4	0,04	0,004	0,77	0,077				
(69)	Triclosan	Biocides	3380-34-5	222-182-2	0,02	0,002	0,02	0,002				

(70)	Total of active substances in pesticides, including their relevant metabolites, degradation and reaction products ([29])	Plant protection products and biocides			0,5 ([30])	0,5 ([30])						

([1]) CAS: Chemical Abstracts Service.
([2]) EU number: European Inventory of Existing Commercial Substances (EINECS) or European List of Notified Chemical Substances (ELINCS).
([3]) This parameter is the EQS expressed as an annual average value (AA-EQS). Unless otherwise specified, it applies to the total concentration of all substances and isomers.
([4]) Inland surface waters encompass rivers and lakes and related artificial or heavily modified water bodies.
([5]) This parameter is the EQS expressed as a maximum allowable concentration (MAC EQS). Where the MAC EQS are marked as "not applicable", the AA EQS values are considered protective against short-term pollution peaks in continuous discharges since they are significantly lower than the values derived on the basis of acute toxicity.
([6]) If an EQS biota is given, it, rather than the water EQS, shall be applied, without prejudice to the provision in Article 3(3) of this Directive allowing an alternative biota taxon, or another matrix, to be monitored instead, as long as the EQS applied provides an equivalent level of protection. Unless otherwise indicated, the biota EQS relate to fish. For substances numbered 15 (Fluoranthene), 28 (PAHs), and 51 (Bisphenol-A) the biota EQS refers to crustaceans and molluscs. For the purpose of assessing chemical status, monitoring of Fluoranthene**,** ~~and~~ PAHs~~,~~ and Bisphenol-A in fish is not appropriate. For substance number 37 (Dioxins and dioxin-like compounds), the biota EQS relates to fish, crustaceans and molluscs, in line with Commission Regulation (EU) No 1259/2011* Annex Section 5.3.
([7]) For the group of priority substances covered by brominated diphenylethers (No 5), the EQS refer to the sum of the concentrations of congener numbers 28, 47, 99, 100, 153 and 154.
([8]) Tetra, Penta, Hexa, Hepta, Octa and Decabromodiphenylether (CAS numbers 40088-47-9, 32534-81-9, 36483-60-0, 68928-80-3, 32536-52-0, 1163-19-5, respectively).
([9]) For Cadmium and its compounds (No 6) the EQS values vary depending on the hardness of the water as specified in five class categories (Class 1: <40 mg CaCO3/l, Class 2: 40 to <50 mg CaCO3/l, Class 3: 50 to <100 mg CaCO3/l, Class 4: 100 to <200 mg CaCO3/l and Class 5: ≥200 mg CaCO3/l).
([10]) No indicative parameter is provided for this group of substances. The indicative parameter(s) must be defined through the analytical method.
([11]) DDT total comprises the sum of the isomers 1,1,1 trichloro 2,2 bis (p chlorophenyl) ethane (CAS 50 29 3, EU 200 024 3); 1,1,1 trichloro 2 (o chlorophenyl) 2 (p chlorophenyl) ethane (CAS 789 02 6, EU 212 332 5); 1,1-dichloro 2,2 bis (p chlorophenyl) ethylene (CAS 72 55 9, EU 200 784 6); and 1,1 dichloro 2,2 bis (p chlorophenyl) ethane (CAS 72 54 8, EU 200 783 0).
([12]) These EQS refer to bioavailable concentrations of the substances.
~~([13]) The EQS for biota refers to methyl mercury.~~
([14]) Nonylphenol (CAS 25154-52-3, EU 246-672-0) including isomers 4-nonylphenol (CAS 104-40-5, EU 203-199-4) and 4-nonylphenol (branched) (CAS 84852-15-3, EU 284-325-5).
([15]) Octylphenol (CAS 1806-26-4, EU 217-302-5) including isomer 4-(1,1',3,3'-tetramethylbutyl)-phenol (CAS 140-66-9, EU 205-426-2).
([16]) Benzo(a)pyrene (CAS 50-32-8) (RPF 1), benzo(b)fluoranthene (CAS 205-99-2) (RPF 0,1), benzo(k)fluoranthene (CAS 207-08-9) (RPF 0,1), benzo(g,h,i)perylene (CAS 191-24-2) (RPF 0), indeno(1,2,3-cd)pyrene (CAS 193-39-5) (RPF 0,1), chrysene (CAS 218-01-9) (RPF 0,01), benzo(a)anthracene (CAS 56-55-3) (RPF 0,1), ~~and~~ dibenz(a,h)anthracene (CAS 53-70-3) (RPF 1) **and fluoranthene (CAS 206-44-0) (RPF 0,01). Fluoranthene also appears separately in row 15.** The PAHs anthracene~~, fluoranthene~~ and naphthalene are listed **only** separately **because no RPF is available**.

([17])For the group of polyaromatic hydrocarbons (PAHs) (No 28), the biota EQS refers to the sum of the concentrations of ~~seven~~ **eight** of the ~~eight~~ **nine** PAHs listed in footnote ~~17~~ **16** expressed as benzo(a)pyrene equivalents based on the carcinogenic potencies of the substances relative to that of benzo(a)pyrene, i.e. the RPFs in footnote 16. Benzo(g,h,i)perylene does not need to be measured in biota for the purposes of determining compliance with the overall EQS biota. **The biota EQS for fluoranthene in row 15 must also be complied with.**

([18])Tributyltin compounds including tributyltin-cation (CAS 36643-28-4).

([19])Sediment EQS

([20])There is insufficient information available to set a MAC-EQS for these substances.

([21])This refers to the following compounds:

7 polychlorinated dibenzo-p-dioxins (PCDDs): 2,3,7,8-T4CDD (CAS 1746-01-6, EU 217-122-7), 1,2,3,7,8-P5CDD (CAS 40321-76-4), 1,2,3,4,7,8-H6CDD (CAS 39227-28-6), 1,2,3,6,7,8-H6CDD (CAS 57653-85-7), 1,2,3,7,8,9-H6CDD (CAS 19408-74-3), 1,2,3,4,6,7,8-H7CDD (CAS 35822-46-9), 1,2,3,4,6,7,8,9-O8CDD (CAS 3268-87-9)

10 polychlorinated dibenzofurans (PCDFs): 2,3,7,8-T4CDF (CAS 51207-31-9), 1,2,3,7,8-P5CDF (CAS 57117-41-6), 2,3,4,7,8-P5CDF (CAS 57117-31-4), 1,2,3,4,7,8-H6CDF (CAS 70648-26-9), 1,2,3,6,7,8-H6CDF (CAS 57117-44-9), 1,2,3,7,8,9-H6CDF (CAS 72918-21-9), 2,3,4,6,7,8-H6CDF (CAS 60851-34-5), 1,2,3,4,6,7,8-H7CDF (CAS 67562-39-4), 1,2,3,4,7,8,9-H7CDF (CAS 55673-89-7), 1,2,3,4,6,7,8,9-O8CDF (CAS 39001-02-0)

12 dioxin-like polychlorinated biphenyls (PCB-DLs): 3,3’,4,4’-T4CB (PCB 77, CAS 32598-13-3), 3,3’,4’,5-T4CB (PCB 81, CAS 70362-50-4), 2,3,3',4,4'-P5CB (PCB 105, CAS 32598-14-4), 2,3,4,4',5-P5CB (PCB 114, CAS 74472-37-0), 2,3',4,4',5-P5CB (PCB 118, CAS 31508-00-6), 2,3',4,4',5'-P5CB (PCB 123, CAS 65510-44-3), 3,3’,4,4’,5-P5CB (PCB 126, CAS 57465-28-8), 2,3,3',4,4',5-H6CB (PCB 156, CAS 38380-08-4), 2,3,3',4,4',5'-H6CB (PCB 157, CAS 69782-90-7), 2,3',4,4',5,5'-H6CB (PCB 167, CAS 52663-72-6), 3,3’,4,4’,5,5’-H6CB (PCB 169, CAS 32774-16-6), 2,3,3',4,4',5,5'-H7CB (PCB 189, CAS 39635-31-9).

([22])For the group of Dioxins and dioxin-like compounds (No 37), the biota EQS refers to the sum of the concentrations of the substances listed in footnote ~~20~~ **21** expressed as toxic equivalents based on the World Health Organisation 2005 Toxic Equivalence Factors.

([23])CAS 52315-07-8 refers to an isomer mixture of cypermethrin, alpha-cypermethrin (CAS 67375-30-8, EU 257-842-9), beta-cypermethrin (CAS 65731-84-2, EU 265-898-0), theta-cypermethrin (CAS 71691-59-1) and zeta-cypermethrin (CAS 52315-07-8, EU 257-842-9).

([24])This refers to 1,3,5,7,9,11-Hexabromocyclododecane (CAS 25637-99-4, EU 247-148-4), 1,2,5,6,9,10- Hexabromocyclododecane (CAS 3194-55-6, EU 221-695-9), α-Hexabromocyclododecane (CAS 134237-50-6), β-Hexabromocyclododecane (CAS 134237-51-7) and γ- Hexabromocyclododecane (CAS 134237-52-8).

([25])For freshwater used for the abstraction and preparation of drinking water.

([26])For freshwater not used for the abstraction and preparation of drinking water.

([27])This refers to the following compounds, listed with their CAS number, EU number and Relative Potency Factor (RPF)**, as well as their derivatives**:

Perfluorooctanoic acid (PFOA) (CAS 335-67-1, EU 206-397-9) (RPF 1), Perfluorooctane sulfonic acid (PFOS) (CAS 1763-23-1, EU 217-179-8) (RPF 2), Perfluorohexane sulfonic acid (PFHxS) (CAS 355-46-4, EU 206-587-1) (RPF 0,6), Perfluorononanoic acid (PFNA) (CAS 375-95-1, EU 206-801-3) (RPF 10), Perfluorobutane sulfonic acid (PFBS) (CAS 375-73-5, EU 206-793-1) (RPF 0,001), Perfluorohexanoic acid (PFHxA) (CAS 307-24-4, EU 206-196-6) (RPF 0,01), Perfluorobutanoic acid (PFBA) (CAS 375-22-4, EU 206-786-3) (RPF 0,05), Perfluoropentanoic acid (PFPeA) (CAS 2706-90-3, EU 220-300-7) (RPF 0,03), Perfluoropentane sulfonic acid (PFPeS) (CAS 2706-91-4, EU 220-301-2) (RPF 0,3005), Perfluorodecanoic acid (PFDA) (CAS 335-76-2, EU 206-400-3) (RPF 7), Perfluorododecanoic acid (PFDoDA or PFDoA) (CAS 307-55-1, EU 206-203-2) (RPF 3), Perfluoroundecanoic acid (PFUnDA or PFUnA) (CAS 2058-94-8, EU 218-165-4) (RPF 4), Perfluoroheptanoic acid (PFHpA) (CAS 375-85-9, EU 206-798-9) (RPF 0,505), Perfluorotridecanoic acid (PFTrDA) (CAS 72629-94-8, EU 276-745-2) (RPF 1,65), Perfluoroheptane sulfonic acid (PFHpS) (CAS 375-92-8, EU 206-800-8) (RPF 1,3), Perfluorodecane sulfonic acid (PFDS) (CAS 335-77-3, EU 206-401-9) (RPF 2), Perfluorotetradecanoic acid (PFTeDA) (CAS 376-06-7, EU 206-803-4) (RPF 0,3), Perfluorohexadecanoic acid (PFHxDA) (CAS 67905-19-5, EU 267-638-1) (RPF 0,02), Perfluorooctadecanoic acid (PFODA) (CAS 16517-11-6, EU 240-582-5) (RPF 0,02), ~~and Ammonium perfluoro (2-methyl-3-oxahexanoate)~~**2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid** (HFPO-DA ~~or Gen X~~) (CAS ~~62037-80-3~~ **13252-13-6**) (RPF 0,06), ~~Propanoic Acid / Ammonium~~ 2,2,3-trifluoro-3-(1,1,2,2,3,3-hexafluoro-3-(trifluoromethoxy)propoxy)propano**ateic acid** ~~(ADONA)~~ (CAS ~~958445-44-8~~ **919005-14-4**) (RPF 0,03),

2- (Perfluorohexyl)ethyl alcohol (6:2 FTOH) (CAS 647-42-7, EU 211-477-1) (RPF 0,02), 2-(Perfluorooctyl)ethanol (8:2 FTOH) (CAS 678-39-7, EU 211-648-0) (RPF 0,04) and ~~Acetic acid /~~ 2,2-difluoro-2-((2,2,4,5-tetrafluoro-5-(trifluoromethoxy)-1,3-dioxolan-4-yl)oxy)**acetic acid** (C6O4) (CAS 1190931-41-9) (RPF 0,06)

([28]) For the group of PFAS (No 65), the EQS refer to the sum of the concentrations of the 24 PFAS listed in footnote 27**, and their derivatives,** expressed as PFOA-equivalents based on the potencies of the substances relative to that of PFOA, i.e. the RPFs in footnote 27. **The critical EQS is the biota EQS (relating to fish consumption) and must therefore be complied with. The AA-EQS are not equivalently protective.**

([29]) 'Pesticides' means plant protection products as referred to in Article 2 of Regulation (EC) No 1107/2009and biocidal products as defined in Article 3 of Regulation (EU) No 528/2012.

([30]) 'Total' means the sum of all individual pesticides detected and quantified in the monitoring procedure, including their relevant metabolites, degradation and reaction products.';