

Viewing Site Summary Data for Independent Water Networks (Eastern)

Report Date Range: For the whole year 2020

Table IWN 9: Quality of water at consumer's tap (zones) - European Standards

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones failing standard
1,2-Dichloroethane (Total)	F001	3 µg/l	64	0	< 0.16	< 0.16	0
Antimony	B008A	5 µg Sb/l	81	0	0.03	0.47	0
Arsenic (Total)	B001A	10 µg As/l	83	0	0.11	1.34	0
Benzene (Total)	F002	1 µg/l	64	0	< 0.09	0.09	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	63	0	< 0.00057	0.00075	0
Boron	D005A	1 mg B/l	81	0	< 0.032	0.348	0
Bromate	F003	10 µg BrO ₃ /l	83	0	< 0.0002	1.8	0
Cadmium (Total)	B002	5 µg Cd/l	81	0	< 0.01	0.35	0
Chromium (Total)	B004	50 µg Cr/l	83	0	0.04	1.7	0
Copper (Total)	A024A	2 mg Cu/l	84	0	0.00126	0.877	0
Cyanide (Total)	B003	50 µg CN/l	77	0	< 5.5	11	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	160	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	77	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	81	0	0.05	0.92	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	82	1	< 0.04	10.8	1
Mercury (Total)	B005	1 µg Hg/l	81	0	< 0.06	< 0.06	0
Nickel (Total)	B006A	20 µg Ni/l	83	3	0.63	949	2
Nitrate (Total)	A012	50 mg NO ₃ /l	76	0	< 2.11	41.3	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	76	0	< 0.002	0.335	0
Nitrite/Nitrate formula	A013C	1 mg/l	76	0	0	0.83	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	50	0	0	0.058	0
Pesticides Metaldehyde	P226	0.1 µg/l	50	0	< 0.007	0.058	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	62	0	0	0.06	0
Radon	F031	100 Bq/l	39	0	0.2	5.1	0
Selenium (Total)	B009	10 µg Se/l	81	0	< 0.08	1.13	0
by Calculation)	D009B	10 µg/l	64	0	0	0.87	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	64	0	0	71.75	0
Totals:			2,046	4			

Table IWN 10: Quality of water at consumer's tap (zones) - National Standards

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests Failed	1 percentile (representing a minimum)	99 percentile (representing a maximum)	No. of zones failing standard
Aluminium (Total)	A021	200 µg Al/l	83	0	< 6.9	16.1	0
Colour	A001	20 mg/l Pt/Co	86	0	< 2.9	2.9	0

Iron (Total)	A022	200 µg Fe/l	83	0	<	3.72	63.8	0
Manganese (Total)	A023	50 µg Mn/l	83	0	<	0.3	6.77	0
Odour	A003	0 Dilution number at 25°C	86	1		0	1	1
Sodium (Total)	A009	200 mg Na/l	81	0		6.46	64.1	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	84	1		0	2	1
Tetrachloromethane (Total)	D008	3 µg/l	64	0	<	0.13	0.13	0
Turbidity	A002	4 NTU	86	0	<	0.13	0.41	0
Totals:			736	2				

Table IW N 11: Quality of water at consumer's tap (zones) - Additional Monitoring Requirements

Parameter Name	Parameter Code	Prescribed Concentration or Value	Total Number of Tests	Tests exceeding specification		1 percentile (representing a minimum)	99 percentile (representing a maximum)
Ammonium (Total)	A014	0.5 mg NH4/l	86	0	<	0.004	0.251
Chloride	D002A	250 mg Cl/l	86	0		7.9	79.8
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	86	0		0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	160	0		0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	84	-n/a		0	> 1000
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	86	0		129	775
Gross Alpha	F004	0.1 Bq/l	41	0	<	0.012	0.029
Gross Beta	F005	1 Bq/l	41	0	<	0.011	0.309
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	84	0		7.08	8.14
Residual Disinfectant - Free	C009	No abnormal change	161	-n/a		0.0162	0.6676
Residual Disinfectant - Total	C010	No abnormal change	163	-n/a		0.0912	0.9472
Sulphate	A007	250 mg SO4/l	86	0		14.1	141
Total Organic Carbon	A017	No abnormal change	84	-n/a		0.4	4.3
Tritium	F006	100 Bq/l	39	0	<	5.6	12
Totals:			1,287	2			