

Viewing Site Summary Data for Icosa Water Ltd

Report Date Range: For the whole year 2020

Table ICW 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	21	0	< 0.16	< 0.16	0
Antimony	B008A	5 µg Sb/l	21	0	0.04	0.18	0
Arsenic (Total)	B001A	10 µg As/l	21	0	0.12	0.61	0
Benzene (Total)	F002	1 µg/l	21	0	< 0.09	< 0.09	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	21	0	< 0.0006	0.0007	0
Boron	D005A	1 mg B/l	21	0	< 0.032	0.162	0
Bromate	F003	10 µg BrO ₃ /l	21	0	< 0.15	1.2	0
Cadmium (Total)	B002	5 µg Cd/l	21	0	< 0.01	< 0.03	0
Chromium (Total)	B004	50 µg Cr/l	21	0	< 0.04	1.09	0
Copper (Total)	A024A	2 mg Cu/l	21	0	0.0004	1.883	0
Cyanide (Total)	B003	50 µg CN/l	21	0	< 5.5	6.5	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	71	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	21	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	21	0	0.05	0.16	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	21	0	< 0.04	3.83	0
Mercury (Total)	B005	1 µg Hg/l	21	0	< 0.06	< 0.06	0
Nickel (Total)	B006A	20 µg Ni/l	21	1	0.5	100	1
Nitrate (Total)	A012	50 mg NO ₃ /l	21	0	< 0.59	43.3	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	21	0	< 0.002	0.004	0
Nitrite/Nitrate formula	A013C	1 mg/l	21	0	0	0.87	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	21	0	0	0.012	0
Pesticides 2,4-D	P020	0.1 µg/l	7	0	< 0.012	< 0.012	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	1	0	< 0.01	< 0.01	0
Pesticides Aldrin	P002	0.03 µg/l	6	0	< 0.005	< 0.005	0
Pesticides Atrazine	P004	0.1 µg/l	10	0	< 0.004	0.007	0
Pesticides Bentazone	P006	0.1 µg/l	14	0	< 0.004	< 0.004	0
Pesticides Boscalid	P231	0.1 µg/l	3	0	< 0.011	< 0.011	0
Pesticides Carbetamide	P010	0.1 µg/l	9	0	< 0.008	< 0.008	0
Pesticides Chlorpyrifos (Chlorpyrifos Ethyl)	P017	0.1 µg/l	3	0	< 0.016	< 0.016	0
Pesticides Clopyralid	P018	0.1 µg/l	4	0	< 0.015	< 0.015	0
Pesticides Cyanazine	P092	0.1 µg/l	3	0	< 0.006	< 0.006	0
Pesticides Cyproconazole	P207	0.1 µg/l	3	0	< 0.007	< 0.007	0
Pesticides Dicamba	P025	0.1 µg/l	6	0	< 0.012	< 0.012	0
Pesticides Dichlorprop	P026	0.1 µg/l	6	0	< 0.017	< 0.017	0
Pesticides Dieldrin	P028	0.03 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Diflufenican	P157	0.1 µg/l	3	0	< 0.007	< 0.007	0
Pesticides Diuron	P032	0.1 µg/l	7	0	< 0.009	< 0.009	0
Pesticides Epoxyconazole	P217	0.1 µg/l	3	0	< 0.005	< 0.005	0

Pesticides Flufenacet	P230	0.1 µg/l	4	0	< 0.008	< 0.008	0
Pesticides Fluroxypyr	P040	0.1 µg/l	4	0	< 0.009	< 0.009	0
Pesticides Flutriafol	P039	0.1 µg/l	4	0	< 0.004	< 0.005	0
Pesticides Glyphosate	P042	0.1 µg/l	4	0	< 0.005	< 0.025	0
Pesticides Heptachlor Epoxide)	P043	0.03 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Linuron	P044	0.03 µg/l	6	0	0	0	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P051	0.1 µg/l	3	0	< 0.012	< 0.012	0
Pesticides MCPB	P054	0.1 µg/l	7	0	< 0.012	< 0.012	0
Pesticides MCPP (Mecoprop)	P055	0.1 µg/l	3	0	< 0.018	< 0.018	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	8	0	< 0.009	< 0.009	0
Pesticides Metaldehyde	P226	0.1 µg/l	11	0	< 0.005	< 0.007	0
Pesticides Metazachlor	P203	0.1 µg/l	5	0	< 0.006	< 0.006	0
Pesticides Monuron	P113	0.1 µg/l	3	0	< 0.007	< 0.007	0
Pesticides Pendimethalin	P118	0.1 µg/l	6	0	< 0.02	< 0.02	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	3	0	< 0.02	< 0.02	0
Pesticides Propiconazole	P068	0.1 µg/l	5	0	< 0.007	< 0.007	0
Pesticides Propyzamide	P071	0.1 µg/l	5	0	< 0.009	< 0.009	0
Pesticides Quinmerac	P244	0.1 µg/l	5	0	< 0.006	0.012	0
Pesticides Simazine	P073	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Spiroxamine	P239	0.1 µg/l	1	0	< 0.006	< 0.006	0
Pesticides Tebuconazole	P177	0.1 µg/l	4	0	< 0.005	< 0.005	0
Pesticides Tri-allate	P079	0.1 µg/l	3	0	< 0.005	< 0.005	0
Pesticides Tricopyr	P131	0.1 µg/l	8	0	< 0.028	< 0.028	0
Pesticides Trietazine	P132	0.1 µg/l	7	0	< 0.004	< 0.004	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	21	0	0	0.006	0
Selenium (Total)	B009	10 µg Se/l	21	0	< 0.32	0.9	0
by Calculation)	D009B	10 µg/l	21	0	0	0.75	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	21	0	1.49	58.16	0
Totals:			799	1			

Table ICW 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	21	0	6.9	33.9	0
Colour	A001	20 mg/l Pt/Co	21	0	2.8	< 2.9	0
Iron (Total)	A022	200 µg Fe/l	21	0	3.72	40.9	0
Manganese (Total)	A023	50 µg Mn/l	21	0	0.3	1.31	0
Odour	A003	0 Dilution number at 25°C	21	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	21	0	9.59	63.5	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	21	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	21	0	< 0.13	< 0.13	0
Turbidity	A002	4 NTU	21	0	< 0.13	0.29	0
Totals:			189	0			

Table ICW 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 NH ₄ /l	21	0	< 0.0008	0.011
Chloride	D002A	250 mg Cl/l	21	0	21.8	69.2
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	21	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	71	0	0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	21	-n/a	0	47
Colony Counts After 48 Hours At 37øc (Colony Counts)	C013	No abnormal change	21	-n/a	0	34
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	21	0	314	623
Gross Alpha	F004	0.1 Bq/l	12	0	< 0.017	0.062
Gross Beta	F005	1 Bq/l	12	0	< 0.019	0.146
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	21	0	7.23	8.18
Residual Disinfectant - Total	C010	No abnormal change	71	-n/a	0.17	0.76
Sulphate	A007	250 mg SO ₄ /l	21	0	7.19	68.2
Total Organic Carbon	A017	No abnormal change	21	-n/a	0.4	2.9
Tritium	F006	100 Bq/l	12	0	< 5.6	< 5.6
Totals:			367	0		