

Data summary tables for Icosa Water (ICW)

These tables contain a summary of results of monitoring undertaken by the water company in 2019 and submitted to the Drinking Water Inspectorate. The tables are published by the Inspectorate as part of the Chief Inspector's Report entitled *Drinking water 2019*.

The tables and full content of the Drinking Water Inspectorate's annual report are available on the Inspectorate's website at <http://www.dwi.gov.uk/>

Notes relating to the interpretation of the tables:

Columns on the following tables that are headed '1 percentile representing a minimum' and '99 percentile representing a maximum' contain figures for the 1 percentile and 99 percentile sample results respectively except where less than 100 samples were taken, when the figures are the actual maximum and minimum results.

The symbol < indicates that the result was less than the limit of detection of the analytical method used.

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Site Summary Data for Icosa Water Ltd

Report Date Range: For the whole year 2019

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	16	0	0	< 0.16	0
Antimony	B008A	5 µg Sb/l	16	0	< 0.04	0.27	0
Arsenic (Total)	B001A	10 µg As/l	16	0	< 0.08	0.59	0
Benzene (Total)	F002	1 µg/l	16	0	0.01	< 0.09	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	16	0	< 0.0003	< 0.0006	0
Boron	D005A	1 mg B/l	16	0	< 0.015	0.113	0
Bromate	F003	10 µg BrO3/l	17	0	< 0.1	1.4	0
Cadmium (Total)	B002	5 µg Cd/l	16	0	< 0.002	0.016	0
Chromium (Total)	B004	50 µg Cr/l	16	0	0.19	1.31	0
Copper (Total)	A024A	2 mg Cu/l	16	0	0.005	0.37	0
Cyanide (Total)	B003	50 µg CN/l	16	0	< 0.7	< 5.5	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	44	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	16	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	16	0	0.07	0.14	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	16	0	0.07	4.32	0
Mercury (Total)	B005	1 µg Hg/l	16	0	< 0.03	< 0.03	0
Nickel (Total)	B006A	20 µg Ni/l	16	0	0.34	15.7	0
Nitrate (Total)	A012	50 mg NO3/l	16	0	0.62	40.7	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	16	0	< 0.002	0.01	0
Nitrite/Nitrate formula	A013C	1 mg/l	16	0	0.01	0.81	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	17	0	0	0.182	0
Pesticides 2 4-D	P020	0.1 µg/l	6	0	< 0.003	0.011	0
Pesticides Aldrin	P002	0.03 µg/l	6	0	< 0.002	< 0.01	0
Pesticides Atrazine	P004	0.1 µg/l	7	0	0.001	0.006	0
Pesticides Bentazone	P006	0.1 µg/l	12	0	< 0.001	< 0.002	0
Pesticides Boscalid	P231	0.1 µg/l	2	0	< 0.003	< 0.004	0
Pesticides Carbetamide	P010	0.1 µg/l	10	0	< 0.002	0.006	0
Pesticides Chlorpyrifos (Chlorpyrifos Ethyl)	P017	0.1 µg/l	2	0	< 0.002	< 0.005	0
Pesticides Clopyralid	P018	0.1 µg/l	3	0	0.011	0.021	0
Pesticides Cyanazine	P092	0.1 µg/l	4	0	< 0.002	< 0.003	0
Pesticides Cyproconazole	P207	0.1 µg/l	2	0	< 0.001	< 0.001	0
Pesticides Dicamba	P025	0.1 µg/l	7	0	< 0.003	< 0.004	0

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
Pesticides Dichlorprop	P026	0.1 µg/l	3	0	< 0.004	< 0.005	0
Pesticides Dieldrin	P028	0.03 µg/l	10	0	< 0.001	< 0.005	0
Pesticides Diflufenican	P157	0.1 µg/l	2	0	< 0.001	< 0.002	0
Pesticides Diuron	P032	0.1 µg/l	6	0	< 0.002	< 0.005	0
Pesticides Epoxyconazole	P217	0.1 µg/l	2	0	< 0.001	< 0.002	0
Pesticides Flufenacet	P230	0.1 µg/l	2	0	< 0.002	< 0.002	0
Pesticides Fluroxypyr	P040	0.1 µg/l	2	0	< 0.003	< 0.003	0
Pesticides Flutriafol	P039	0.1 µg/l	2	0	0.003	0.003	0
Pesticides Glyphosate	P042	0.1 µg/l	2	0	< 0.002	< 0.002	0
Pesticides Heptachlor	P043	0.03 µg/l	10	0	< 0.001	< 0.005	0
Pesticides Heptachlor Epoxide - Total (Trans, CIS) (Heptachlor Epoxide)	P044	0.03 µg/l	6	0	0	0	0
Pesticides Linuron	P051	0.1 µg/l	4	0	< 0.003	< 0.007	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	6	0	< 0.003	0.006	0
Pesticides MCPB	P055	0.1 µg/l	5	0	< 0.004	< 0.006	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	6	0	< 0.002	0.005	0
Pesticides Metaldehyde	P226	0.1 µg/l	7	1	< 0.005	0.169	1
Pesticides Metazachlor	P203	0.1 µg/l	2	0	< 0.002	< 0.002	0
Pesticides Monuron	P113	0.1 µg/l	4	0	< 0.002	< 0.003	0
Pesticides Pendimethalin	P118	0.1 µg/l	7	0	< 0.002	0.004	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	2	0	< 0.005	< 0.006	0
Pesticides Propiconazole	P068	0.1 µg/l	2	0	< 0.002	< 0.002	0
Pesticides Propyzamide	P071	0.1 µg/l	2	0	0.003	< 0.004	0
Pesticides Quinmerac	P244	0.1 µg/l	2	0	< 0.002	0.004	0
Pesticides Simazine	P073	0.1 µg/l	8	0	< 0.001	0.004	0
Pesticides Tebuconazole	P177	0.1 µg/l	2	0	< 0.001	< 0.002	0
Pesticides Tri-allate	P079	0.1 µg/l	2	0	< 0.001	< 0.002	0
Pesticides Triclopyr	P131	0.1 µg/l	6	0	< 0.003	< 0.009	0
Pesticides Trietazine	P132	0.1 µg/l	6	0	< 0.001	< 0.003	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	16	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	16	0	< 0.16	0.71	0
Trichloroethene & Tetrachloroethene - Sum Of 2 Substances (Total by Calculation)	D009B	10 µg/l	16	0	0	0.39	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	16	0	2.56	75.18	0
Totals:			611	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	16	0	< 3.21	27.8	0
Colour	A001	20 mg/l Pt/Co	16	0	< 1	2.2	0
Iron (Total)	A022	200 µg Fe/l	16	0	< 0.7	17.7	0
Manganese (Total)	A023	50 µg Mn/l	16	0	< 0.14	4.32	0
Odour	A003	0 Dilution number at 25°C	16	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	16	0	10.6	56.9	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	16	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	16	0	0	< 0.14	0
Turbidity	A002	4 NTU	16	0	0.11	0.29	0
Totals:			144	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	16	0	< 0.004	0.005
Chloride	D002A	250 mg Cl/l	16	0	10.02	60
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	16	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	44	0	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	16	-n/a	0	99
Colony Counts After 48 Hours At 37°C (Colony Counts)	C013	No abnormal change	16	-n/a	0	41
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	16	0	378	627
Gross Alpha	F004	0.1 Bq/l	1	0	< 0.02	< 0.02
Gross Beta	F005	1 Bq/l	1	0	0.048	0.048
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	16	0	7.23	8.07
Residual Disinfectant - Total	C010	No abnormal change	44	-n/a	0.14	0.75
Sulphate	A007	250 mg SO ₄ /l	16	0	11.2	61.7
Total Organic Carbon	A017	No abnormal change	16	-n/a	0.4	3
Tritium	F006	100 Bq/l	1	0	< 5.6	< 5.6
Totals:			235	0		