

## Viewing Site Summary Data for Affinity Water Ltd

Report Date Range: For the whole year 2020

Table AFW 1: Quality of water leaving service treatment works - 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 works with failures
Nitrite (Total)	A013B	0.1 mg NO <sub>2</sub> /l	1,077	0	< 0.007	< 0.007	0
<b>Totals:</b>			<b>1,077</b>	<b>0</b>			

Table AFW 2: Quality of water leaving service treatment works - 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 works with failures
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	13,473	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	13,473	2	0	0	2
<b>Totals:</b>			<b>26,946</b>	<b>2</b>			

Table AFW 3: Quality of water leaving service treatment works - 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)
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	13,472	-n/a	0	3
Residual Disinfectant - Total	C010	No abnormal change	13,474	-n/a	0.14	1.08
Turbidity - Indicator	A002A	1 NTU	13,468	1	< 0.1	0.32
<b>Totals:</b>			<b>40,414</b>	<b>1</b>		

**Table AFW 4: Quality of water leaving service reservoirs - 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 reservoirs failing standard
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	7,725	1	0	0	1
Total Coliforms (Confirmed)	C001	0 number/100 ml	7,725	3	0	0	0
<b>Totals:</b>			<b>15,450</b>	<b>4</b>			

**Table AFW 5: Quality of water leaving service reservoirs - 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)
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	7,725	-n/a	0	79
Residual Disinfectant - Total	C010	No abnormal change	7,725	-n/a	0.05	0.78
<b>Totals:</b>			<b>15,450</b>	<b>0</b>		

Table AFW 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	610	0	< 0.09	< 0.09	0
Antimony	B008A	5 µg Sb/l	613	0	< 0.2	0.48686	0
Arsenic (Total)	B001A	10 µg As/l	613	0	< 1	2.4072	0
Benzene (Total)	F002	1 µg/l	613	0	< 0.03	< 0.03	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	610	0	< 0.0018	< 0.0018	0
Boron	D005A	1 mg B/l	615	0	< 0.1	0.3784	0
Bromate	F003	10 µg BrO <sub>3</sub> /l	611	0	< 0.3	3.688	0
Cadmium (Total)	B002	5 µg Cd/l	613	0	< 0.2	< 0.2	0
Chromium (Total)	B004	50 µg Cr/l	613	0	< 0.5	5.832	0
Copper (Total)	A024A	2 mg Cu/l	613	0	< 0.019	0.94	0
Cyanide (Total)	B003	50 µg CN/l	609	0	< 2.7	3.2	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	8,404	2	0	0	2
Enterococci (Confirmed)	C003	0 number/100 ml	616	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	610	0	0.058	0.67089	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	613	1	< 1	4.8606	1
Mercury (Total)	B005	1 µg Hg/l	613	0	< 0.1	< 0.1	0
Nickel (Total)	B006A	20 µg Ni/l	613	1	< 2	5.843	1
Nitrate (Total)	A012	50 mg NO <sub>3</sub> /l	924	0	< 3.4	43.375	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO <sub>2</sub> /l	924	0	< 0.007	0.12525	0
Nitrite/Nitrate formula	A013C	1 mg/l	896	0	0	< 0.86806	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	612	0	0	0.07987	0
Pesticides 2,4-D	P020	0.1 µg/l	245	0	< 0.016	< 0.016	0
Pesticides Atrazine	P004	0.1 µg/l	612	0	< 0.00643	0.02587	0
Pesticides Carbetamide	P010	0.1 µg/l	252	0	< 0.017	< 0.017	0
Pesticides Clopyralid	P018	0.1 µg/l	246	0	< 0.025	0.0503	0
Pesticides Desethylatrazine	P182	0.1 µg/l	612	0	< 0.015	0.04987	0
Pesticides Glyphosate	P042	0.1 µg/l	243	0	< 0.005	< 0.02668	0
Pesticides Isoproturon	P048	0.1 µg/l	16	0	< 0.016	< 0.016	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	253	0	< 0.013	0.02746	0
Pesticides Metaldehyde	P226	0.1 µg/l	252	0	< 0.02	0.07747	0
Pesticides Metazachlor	P203	0.1 µg/l	244	0	< 0.015	< 0.015	0
Pesticides Propyzamide	P071	0.1 µg/l	243	0	< 0.026	0.02956	0
Pesticides Simazine	P073	0.1 µg/l	243	0	< 0.022	< 0.022	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	609	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	613	0	< 1	3.0172	0

(Total by Calculation)	D009B	10 µg/l	613	0	0	2.4	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	613	0	0	49.8868	0
<b>Totals:</b>			<b>27,467</b>	<b>4</b>			

**Table AFW 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	1,990	0	< 5	76.19	0
Colour	A001	20 mg/l Pt/Co	2,972	0	< 2.5	2.6	0
Iron (Total)	A022	200 µg Fe/l	1,989	3	< 15	72.23	3
Manganese (Total)	A023	50 µg Mn/l	1,989	0	< 1	3.046	0
Odour	A003	0 Dilution number at 25°C	2,976	2	0	0	2
Sodium (Total)	A009	200 mg Na/l	613	0	7.911	54.748	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	2,969	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	609	0	< 0.11	< 0.11	0
Turbidity	A002	4 NTU	2,978	0	< 0.1	0.35	0
<b>Totals:</b>			<b>19,085</b>	<b>5</b>			

**Table AFW 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	1,953	0	< 0.05	0.16
Chloride	D002A	250 mg Cl/l	736	0	18	84.26
(Confirmed)	C004A	0 number/100 ml	1,985	1	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	8,404	13	0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	2,976	-n/a	0	96
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	2,978	0	450.69	795.42
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	2,978	0	6.9	7.7
Residual Disinfectant - Total	C010	No abnormal change	8,401	-n/a	0.05	0.96
Sulphate	A007	250 mg SO4/l	736	0	< 11	128
Total Organic Carbon	A017	No abnormal change	609	-n/a	< 0.4	4.38
<b>Totals:</b>			<b>31,756</b>	<b>14</b>		