

Viewing Site Summary Data for Albion Water Ltd

Report Date Range: For the whole year 2020

Table ALB 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	7	0	< 0.16	< 0.16	0
Antimony	B008A	5 µg Sb/l	7	0	0.02	0.65	0
Arsenic (Total)	B001A	10 µg As/l	7	0	0.07	1.28	0
Benzene (Total)	F002	1 µg/l	7	0	< 0.09	< 0.09	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	6	0	< 0.00057	< 0.00057	0
Boron	D005A	1 mg B/l	7	0	< 0.032	0.0767	0
Bromate	F003	10 µg BrO3/l	7	0	< 0.15	1.1	0
Cadmium (Total)	B002	5 µg Cd/l	7	0	< 0.01	0.036	0
Chromium (Total)	B004	50 µg Cr/l	7	0	< 0.04	0.49	0
Copper (Total)	A024A	2 mg Cu/l	8	0	0.0092	1.37	0
Cyanide (Total)	B003	50 µg CN/l	7	0	< 5.5	< 5.5	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	19	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	8	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	7	0	0.14	0.42	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	8	0	0.15	3.49	0
Mercury (Total)	B005	1 µg Hg/l	7	0	< 0.06	< 0.06	0
Nickel (Total)	B006A	20 µg Ni/l	7	0	0.55	5.03	0
Nitrate (Total)	A012	50 mg NO3/l	8	0	6.98	43	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	8	0	< 0.002	< 0.004	0
Nitrite/Nitrate formula	A013C	1 mg/l	7	0	0.14	0.86	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	10	0	0	0.032	0
Pesticides 2 4-D	P020	0.1 µg/l	10	0	< 0.012	< 0.012	0
Pesticides 2 4-DB	P082	0.1 µg/l	10	0	< 0.018	< 0.018	0
Pesticides 2,4,5-T	P076	0.1 µg/l	10	0	< 0.016	< 0.016	0
Pesticides Ametryn	P222	0.1 µg/l	5	0	< 0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	5	0	< 0.008	< 0.008	0
Pesticides Atrazine	P004	0.1 µg/l	10	0	< 0.004	< 0.004	0
Pesticides Bentazone	P006	0.1 µg/l	10	0	< 0.004	< 0.004	0
Pesticides Bromoxynil	P008	0.1 µg/l	5	0	< 0.009	< 0.009	0
Pesticides Carbetamide	P010	0.1 µg/l	10	0	< 0.008	< 0.008	0
Pesticides Chloridazon	P162	0.1 µg/l	5	0	< 0.008	< 0.008	0
Pesticides Chlormequat	P163	0.1 µg/l	5	0	< 0.003	< 0.003	0
Pesticides Chlorothalonil	P015	0.1 µg/l	5	0	< 0.014	< 0.014	0
Pesticides Chlortoluron	P014	0.1 µg/l	10	0	< 0.007	< 0.007	0
Pesticides Clopyralid	P018	0.1 µg/l	10	0	< 0.015	< 0.015	0

Pesticides Dicamba	P025	0.1 µg/l	10	0	< 0.012	< 0.012	0
Pesticides Dichlorprop	P026	0.1 µg/l	10	0	< 0.017	< 0.017	0
Pesticides Diuron	P032	0.1 µg/l	10	0	< 0.009	< 0.009	0
Pesticides Fenpropidin	P168	0.1 µg/l	5	0	< 0.007	< 0.007	0
Pesticides Fenpropimorph	P037	0.1 µg/l	5	0	< 0.004	< 0.004	0
Pesticides Fluroxypyr	P040	0.1 µg/l	10	0	< 0.009	< 0.009	0
Pesticides Glyphosate	P042	0.1 µg/l	5	0	< 0.005	< 0.005	0
Pesticides Ioxynil	P049	0.1 µg/l	5	0	< 0.009	< 0.009	0
Pesticides Isoproturon	P048	0.1 µg/l	10	0	< 0.005	< 0.005	0
Pesticides Linuron	P051	0.1 µg/l	9	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	10	0	< 0.012	< 0.012	0
Pesticides MCPB	P055	0.1 µg/l	10	0	< 0.018	< 0.018	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	10	0	< 0.009	< 0.009	0
Pesticides Metaldehyde	P226	0.1 µg/l	10	0	< 0.005	0.02	0
Pesticides Metazachlor	P203	0.1 µg/l	5	0	< 0.006	< 0.006	0
Pesticides Monuron	P113	0.1 µg/l	9	0	< 0.007	< 0.007	0
Pesticides Pendimethalin	P118	0.1 µg/l	5	0	< 0.02	< 0.02	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	10	0	< 0.02	< 0.02	0
Pesticides Picloram (Total)	P122	0.1 µg/l	10	0	< 0.019	< 0.019	0
Pesticides Prometryne	P070	0.1 µg/l	4	0	< 0.004	< 0.004	0
Pesticides Propazine	P066	0.1 µg/l	5	0	< 0.004	< 0.004	0
Pesticides Propyzamide	P071	0.1 µg/l	9	0	< 0.009	0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	5	0	< 0.006	< 0.006	0
Pesticides Simazine	P073	0.1 µg/l	5	0	< 0.004	< 0.004	0
Pesticides Terbutryn	P077	0.1 µg/l	10	0	< 0.003	< 0.003	0
Pesticides Triclopyr	P131	0.1 µg/l	10	0	< 0.028	< 0.028	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	5	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	7	0	0.15	0.83	0
by Calculation)	D009B	10 µg/l	7	0	0	0	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	7	0	10.17	20.9	0
Totals:			513	0			

Table ALB 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	8	0	< 14.4	< 14.5	0
Colour	A001	20 mg/l Pt/Co	7	0	< 2.9	< 2.9	0
Iron (Total)	A022	200 µg Fe/l	8	0	< 5.23	57.6	0
Manganese (Total)	A023	50 µg Mn/l	8	0	< 0.85	2.62	0
Odour	A003	0 Dilution number at 25°C	7	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	7	0	9.02	42.2	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	7	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	7	0	< 0.13	< 0.13	0

Turbidity	A002	4 NTU	7	0	<	0.15	0.41	0
Totals:			66	0				

Table ALB 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	7	0	<	0.008	0.227
Chloride	D002A	250 mg Cl/l	8	0		16.9	67.1
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	8	0		0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	19	0		0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	6	-n/a		0	29
Colony Counts After 48 Hours At 37øc (Colony Counts)	C013	No abnormal change	6	-n/a		1	142
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	7	0		503	729
Gross Alpha	F004	0.1 Bq/l	1	0	<	0.025	< 0.025
Gross Beta	F005	1 Bq/l	1	0		0.218	0.218
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	6	0		7.34	7.85
Residual Disinfectant - Free	C009	No abnormal change	9	-n/a		0.14	0.71
Residual Disinfectant - Total	C010	No abnormal change	19	-n/a		0.27	1.11
Sulphate	A007	250 mg SO4/l	8	0		33.9	62.3
Total Organic Carbon	A017	No abnormal change	7	-n/a		0.6	3.5
Tritium	F006	100 Bq/l	1	0	<	5.6	< 5.6
Totals:			113	0			