

Viewing Site Summary Data for South West and Bournemouth Water

Report Date Range: For the whole year 2020

Table SWB 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 ₂ /l	1,442	0 <	0.015	0.03	0
Totals:			1,442	0			

Table SWB 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	9,117	1	0	0	1
Total Coliforms (Confirmed)	C001	0 number/100 ml	9,117	2	0	0	2
Totals:			18,234	3			

Table SWB 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	9,117	-n/a	0	2
Residual Disinfectant - Free	C009	No abnormal change	9,121	-n/a	0.03	1.15
Residual Disinfectant - Total	C010	No abnormal change	9,121	-n/a	0.24	1.19
Turbidity - Indicator	A002A	1 NTU	9,115	1 <	0.07	0.32
Totals:			36,474	1		

Table SWB 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	14,430	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	14,430	10	0	0	0
Totals:			28,860	10			

Table SWB 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	14,428	-n/a	0	60
Residual Disinfectant - Free	C009	No abnormal change	14,431	-n/a	0.03	0.95
Residual Disinfectant - Total	C010	No abnormal change	14,431	-n/a	0.12	0.99
Totals:			43,290	0		

Table SWB 6: Quality of water leaving bulk supply points - 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 supply points with failures
Boron	D005A	1 mg B/l	347	0	0.00051112	0.0269	0
Cyanide (Total)	B003	50 µg CN/l	340	0 <	2.7	6.759	0
Fluoride (Total)	A027	1.5 mg F/l	347	0 <	0.011	0.23504	0
Mercury (Total)	B005	1 µg Hg/l	347	0 <	0.04	< 0.04	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	460	0	0	0.03378	0
Pesticides 2 4-D	P020	0.1 µg/l	375	0 <	0.006	< 0.01	0
Pesticides 2 4-DB	P082	0.1 µg/l	391	0 <	0.003	< 0.007	0
Pesticides Asulam	P133	0.1 µg/l	391	0 <	0.012	< 0.013	0
Pesticides Atrazine	P004	0.1 µg/l	349	0 <	0.007	0.0355	0
Pesticides Azoxystrobin	P227	0.1 µg/l	349	0 <	0.005	< 0.018	0
Pesticides Bentazone	P006	0.1 µg/l	391	0 <	0.002	0.002	0
Pesticides Boscalid	P231	0.1 µg/l	349	0 <	0.007	< 0.027	0
Pesticides Bromoxynil	P008	0.1 µg/l	391	0 <	0.002	< 0.006	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	349	0 <	0.002	< 0.015	0
Pesticides Chlorpyrifos (Chlorpyrifos Ethyl)	P017	0.1 µg/l	367	0 <	0.002	< 0.018	0
Pesticides Chlortoluron	P014	0.1 µg/l	349	0 <	0.003	< 0.012	0
Pesticides Clopyralid	P018	0.1 µg/l	380	0 <	0.008	0.01557	0
Pesticides Cyprodinil	P228	0.1 µg/l	380	0 <	0.007	< 0.012	0
Pesticides Cyromazine	P223	0.1 µg/l	349	0 <	0.002	< 0.021	0
Pesticides Diazinon	P024	0.1 µg/l	353	0 <	0.007	< 0.015	0
Pesticides Dicamba	P025	0.1 µg/l	391	0 <	0.01	< 0.011	0
Pesticides Dichlobenil	P098	0.1 µg/l	386	0 <	0.003	< 0.012	0
Pesticides Dichlorprop	P026	0.1 µg/l	370	0 <	0.004	< 0.009	0
Pesticides Dieldrin	P028	0.03 µg/l	379	0 <	0.004	< 0.012	0
Pesticides Diflufenican	P157	0.1 µg/l	385	0 <	0.003	< 0.015	0
Pesticides Diuron	P032	0.1 µg/l	349	0 <	0.007	< 0.021	0
Pesticides Epoxyconazole	P217	0.1 µg/l	385	0 <	0.015	< 0.018	0
Pesticides Fenpropimorph	P037	0.1 µg/l	372	0 <	0.003	< 0.012	0
Pesticides Fluroxypyr	P040	0.1 µg/l	384	0 <	0.007	< 0.014	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	377	0 <	0.011	< 0.012	0
Pesticides Ioxynil	P049	0.1 µg/l	391	0 <	0.002	< 0.004	0
Pesticides Isoproturon	P048	0.1 µg/l	349	0 <	0.004	< 0.015	0
Pesticides Linuron	P051	0.1 µg/l	349	0 <	0.004	< 0.027	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	368	0 <	0.006	< 0.008	0
Pesticides MCPB	P055	0.1 µg/l	391	0 <	0.003	< 0.008	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	354	0 <	0.002	< 0.007	0
Pesticides Metaldehyde	P226	0.1 µg/l	347	0 <	0.001	< 0.009	0
Pesticides Metamitron	P194	0.1 µg/l	349	0 <	0.008	< 0.03	0
Pesticides Pendimethalin	P118	0.1 µg/l	385	0 <	0.003	< 0.018	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	391	0 <	0.005	< 0.007	0

Pesticides Picloram (Total)	P122	0.1 µg/l	391	0	< 0.004	< 0.007	0
Pesticides Propamocarb	P238	0.1 µg/l	344	0	< 0.001	< 0.012	0
Pesticides Propyzamide	P071	0.1 µg/l	349	0	< 0.004	< 0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	342	0	< 0.002	< 0.002	0
Pesticides Simazine	P073	0.1 µg/l	349	0	< 0.004	< 0.012	0
Pesticides Tebuconazole	P177	0.1 µg/l	349	0	< 0.006	< 0.018	0
Pesticides Triclopyr	P131	0.1 µg/l	379	0	< 0.003	< 0.004	0
Totals:			17,309	0			

Table SWB 8: Quality of water leaving bulk supply points - 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)
Chloride	D002A	250 mg Cl/l	302	0	9	44.97
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	2,633	1	0	0
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	2,136	0	72.548	505.27
Sulphate	A007	250 mg SO ₄ /l	342	0	< 2.4	80.214
Total Organic Carbon	A017	No abnormal change	318	-n/a	< 0.42	3.4192
Totals:			5,731	1		

Table SWB 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	423	0	< 0.2	< 0.752	0
Antimony	B008A	5 µg Sb/l	424	0	< 0.05	0.205	0
Arsenic (Total)	B001A	10 µg As/l	424	0	< 0.62	0.97	0
Benzene (Total)	F002	1 µg/l	422	0	< 0.2	< 0.6	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	424	0	< 0.0005	< 0.0012	0
Bromate	F003	10 µg BrO ₃ /l	453	0	< 0.15	4.892	0
Cadmium (Total)	B002	5 µg Cd/l	424	0	< 0.06	0.10425	0
Chromium (Total)	B004	50 µg Cr/l	424	0	< 0.8	1.16	0
Copper (Total)	A024A	2 mg Cu/l	278	2	< 0.0019	0.3031	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	4,660	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	423	0	0	0	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	278	0	< 0.08	2.2663	0
Nickel (Total)	B006A	20 µg Ni/l	278	0	< 3.3	5.5625	0
Nitrate (Total)	A012	50 mg NO ₃ /l	578	0	< 2	34.0891	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	579	0	< 0.015	0.182	0
Nitrite/Nitrate formula	A013C	1 mg/l	597	0	0	0.6802	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	391	0	0	0.00508	0
Selenium (Total)	B009	10 µg Se/l	424	0	< 0.52	1.925	0
by Calculation)	D009B	10 µg/l	422	0	0	0.677	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	423	0	1.272	69.652	0
Totals:			12,749	0			

Table SWB 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	1,721	0	< 4.9	47.578	0
Colour	A001	20 mg/l Pt/Co	1,722	0	< 0.8	3.6	0
Iron (Total)	A022	200 µg Fe/l	1,721	2	< 7.6	76.748	2
Manganese (Total)	A023	50 µg Mn/l	1,722	0	< 0.3	7.2931	0
Odour	A003	0 Dilution number at 25°C	1,717	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	424	0	4.875	27	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	1,717	1	0	0	1
Tetrachloromethane (Total)	D008	3 µg/l	423	0	< 0.2	< 0.6	0
Turbidity	A002	4 NTU	1,722	0	< 0.07	0.37	0
Totals:			12,889	3			

Table SWB 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	1,679	0	0	0.12
Chloride	D002A	250 mg Cl/l	26	0	11	38
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	4,660	4	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	4,660	-n/a	0	23
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	297	0	405.68	556.08
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	1,722	0	7.3	8.977
Residual Disinfectant - Free	C009	No abnormal change	4,660	-n/a	0.01	1.02
Residual Disinfectant - Total	C010	No abnormal change	4,659	-n/a	0.11	1.07
Totals:			22,363	4		