

Viewing Site Summary Data for South East Water Plc

Report Date Range: For the whole year 2020

Table SEW 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 NO2/l	621	0 <	0.003	< 0.003	0
<b>Totals:</b>			<b>621</b>	<b>0</b>			

Table SEW 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	11,708	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	11,708	8	0	0	7
<b>Totals:</b>			<b>23,416</b>	<b>8</b>			

Table SEW 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 22øc (Colony Counts)	C007	No abnormal change	11,707	-n/a	0	17
Residual Disinfectant - Free	C009	No abnormal change	11,708	-n/a	0.14	1.51
Residual Disinfectant - Total	C010	No abnormal change	11,708	-n/a	0.19	1.69
Turbidity - Indicator	A002A	1 NTU	11,705	3 <	0.1	0.15
<b>Totals:</b>			<b>46,828</b>	<b>24</b>		

**Table SEW 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	11,482	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	11,482	6	0	0	0
<b>Totals:</b>			<b>22,964</b>	<b>6</b>			

**Table SEW 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	11,482	-n/a	0	152
Residual Disinfectant - Free	C009	No abnormal change	11,482	-n/a <	0.05	0.71
Residual Disinfectant - Total	C010	No abnormal change	11,482	-n/a	0.1	0.85
<b>Totals:</b>			<b>34,446</b>	<b>1</b>		

Table SEW 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	248	0 <	0.04	0.29871	0
Bromate	F003	10 µg BrO3/l	248	0 <	0.8	2.251	0
Cyanide (Total)	B003	50 µg CN/l	248	0 <	2	3.651	0
Mercury (Total)	B005	1 µg Hg/l	249	0 <	0.04	< 0.04	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	289	0	0	0.0398	0
Pesticides 2 4-D	P020	0.1 µg/l	247	0 <	0.007	< 0.007	0
Pesticides 2,4,5-T	P076	0.1 µg/l	247	0 <	0.007	< 0.007	0
Pesticides Aldrin	P002	0.03 µg/l	254	0 <	0.007	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	251	0 <	0.002	0.025	0
Pesticides Bentazone	P006	0.1 µg/l	247	0 <	0.007	0.02804	0
Pesticides Bromoxynil	P008	0.1 µg/l	247	0 <	0.007	< 0.007	0
Pesticides Carbenazim (Total)	P150	0.1 µg/l	251	0 <	0.001	< 0.001	0
Pesticides Carbetamide	P010	0.1 µg/l	251	0 <	0.002	0.00648	0
Pesticides Chlortoluron	P014	0.1 µg/l	251	0 <	0.003	0.015	0
Pesticides Dicamba	P025	0.1 µg/l	247	0 <	0.02	< 0.02	0
Pesticides Dichlobenil	P098	0.1 µg/l	244	0 <	0.006	< 0.006	0
Pesticides Dichlorprop	P026	0.1 µg/l	247	0 <	0.003	< 0.003	0
Pesticides Dieldrin	P028	0.03 µg/l	254	0 <	0.007	< 0.007	0
Pesticides Diuron	P032	0.1 µg/l	251	0 <	0.004	< 0.00496	0
Pesticides Epoxyconazole	P217	0.1 µg/l	251	0 <	0.003	< 0.003	0
Pesticides Fluroxypyr	P040	0.1 µg/l	247	0 <	0.008	< 0.008	0
Pesticides Flutriafol	P039	0.1 µg/l	251	0 <	0.003	< 0.003	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	252	0 <	0.005	< 0.005	0
Pesticides Heptachlor	P043	0.03 µg/l	250	0 <	0.008	< 0.008	0
Epoxide)	P044	0.03 µg/l	254	0 <	0.005	< 0.005	0
Pesticides Isoproturon	P048	0.1 µg/l	251	0 <	0.003	< 0.003	0
Pesticides Linuron	P051	0.1 µg/l	251	0 <	0.003	< 0.003	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	247	0 <	0.008	< 0.008	0
Pesticides MCPB	P055	0.1 µg/l	247	0 <	0.008	< 0.008	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	247	0 <	0.005	0.00652	0
Pesticides Metaldehyde	P226	0.1 µg/l	247	0 <	0.008	0.03516	0
Pesticides Oxadixyl	P154	0.1 µg/l	251	0 <	0.003	0.01348	0
Pesticides Pendimethalin	P118	0.1 µg/l	251	0 <	0.007	< 0.007	0
Pesticides Prometryne	P070	0.1 µg/l	251	0 <	0.002	< 0.002	0
Pesticides Propazine	P066	0.1 µg/l	251	0 <	0.002	0.002	0
Pesticides Propyzamide	P071	0.1 µg/l	254	0 <	0.005	0.01345	0
Pesticides Simazine	P073	0.1 µg/l	251	0 <	0.003	0.009	0
Pesticides Terbutryn	P077	0.1 µg/l	251	0 <	0.002	< 0.002	0
Pesticides Tri-allate	P079	0.1 µg/l	254	0 <	0.005	< 0.005	0
Pesticides Triclopyr	P131	0.1 µg/l	247	0 <	0.015	< 0.015	0

Pesticides Trietazine	P132	0.1 µg/l	251	0	<	0.004	<	0.004	0
<b>Totals:</b>			<b>10,278</b>	<b>0</b>					

**Table SEW 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)
Sulphate	A007	250 mg SO4/l	248	0	7.298	67.051
Total Organic Carbon	A017	No abnormal change	248	-n/a	< 0.3	2.851
<b>Totals:</b>			<b>496</b>	<b>0</b>		

Table SEW 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	613	0	< 0.12	< 0.12	0
Antimony	B008A	5 µg Sb/l	579	0	< 0.2	0.52	0
Arsenic (Total)	B001A	10 µg As/l	579	0	< 1	6.6	0
Benzene (Total)	F002	1 µg/l	626	0	< 0.02	< 0.02	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	578	0	< 0.003	< 0.003	0
Boron	D005A	1 mg B/l	290	0	< 0.04	0.15189	0
Bromate	F003	10 µg BrO3/l	578	0	< 0.8	2.342	0
Cadmium (Total)	B002	5 µg Cd/l	580	0	< 0.12	< 0.12	0
Chromium (Total)	B004	50 µg Cr/l	580	0	< 0.5	3.038	0
Copper (Total)	A024A	2 mg Cu/l	602	0	< 0.008	0.69697	0
Cyanide (Total)	B003	50 µg CN/l	288	0	< 2	< 2	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	5,748	1	0	0	1
Enterococci (Confirmed)	C003	0 number/100 ml	580	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	578	0	0.07679	0.50706	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	602	1	< 0.5	5.488	1
Mercury (Total)	B005	1 µg Hg/l	288	0	< 0.04	< 0.04	0
Nickel (Total)	B006A	20 µg Ni/l	602	1	< 0.3	13.597	1
Nitrate (Total)	A012	50 mg NO3/l	579	0	< 1	45.5	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	579	0	< 0.003	0.0054	0
Nitrite/Nitrate formula	A013C	1 mg/l	579	0	0	0.91	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	323	0	0	0.05712	0
Pesticides 2,4-D	P020	0.1 µg/l	289	0	< 0.007	< 0.0074	0
Pesticides 2,4,5-T	P076	0.1 µg/l	289	0	< 0.007	< 0.007	0
Pesticides Aldrin	P002	0.03 µg/l	302	0	< 0.007	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	292	0	< 0.002	0.01807	0
Pesticides Bentazone	P006	0.1 µg/l	289	0	< 0.007	0.0084	0
Pesticides Bromoxynil	P008	0.1 µg/l	289	0	< 0.007	< 0.007	0
Pesticides Carbenazim (Total)	P150	0.1 µg/l	292	0	< 0.001	< 0.001	0
Pesticides Carbetamide	P010	0.1 µg/l	292	0	< 0.002	0.00914	0
Pesticides Chlortoluron	P014	0.1 µg/l	292	0	< 0.003	< 0.003	0
Pesticides Dicamba	P025	0.1 µg/l	289	0	< 0.02	< 0.02	0
Pesticides Dichlobenil	P098	0.1 µg/l	299	0	< 0.006	< 0.006	0
Pesticides Dichlorprop	P026	0.1 µg/l	289	0	< 0.003	< 0.003	0
Pesticides Dieldrin	P028	0.03 µg/l	302	0	< 0.007	< 0.007	0
Pesticides Diuron	P032	0.1 µg/l	292	0	< 0.004	0.00407	0
Pesticides Epoxyconazole	P217	0.1 µg/l	292	0	< 0.003	< 0.003	0
Pesticides Fluroxypyr	P040	0.1 µg/l	289	0	< 0.008	< 0.008	0
Pesticides Flutriafol	P039	0.1 µg/l	292	0	< 0.003	0.00707	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	298	0	< 0.005	< 0.005	0
Pesticides Heptachlor	P043	0.03 µg/l	297	0	< 0.008	< 0.008	0

Epoxide)	P044	0.03 µg/l	302	0	< 0.005	< 0.005	0
Pesticides Isoproturon	P048	0.1 µg/l	292	0	< 0.003	< 0.003	0
Pesticides Linuron	P051	0.1 µg/l	292	0	< 0.003	< 0.003	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	289	0	< 0.008	< 0.008	0
Pesticides MCPB	P055	0.1 µg/l	289	0	< 0.008	< 0.0081	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	289	0	< 0.005	0.0091	0
Pesticides Metaldehyde	P226	0.1 µg/l	184	0	< 0.008	0.0508	0
Pesticides Oxadixyl	P154	0.1 µg/l	292	0	< 0.003	< 0.003	0
Pesticides Pendimethalin	P118	0.1 µg/l	292	0	< 0.007	< 0.007	0
Pesticides Prometryne	P070	0.1 µg/l	292	0	< 0.002	< 0.002	0
Pesticides Propazine	P066	0.1 µg/l	292	0	< 0.002	< 0.002	0
Pesticides Propyzamide	P071	0.1 µg/l	300	0	< 0.005	0.00899	0
Pesticides Simazine	P073	0.1 µg/l	292	0	< 0.003	0.016	0
Pesticides Terbutryn	P077	0.1 µg/l	292	0	< 0.002	< 0.002	0
Pesticides Tri-allate	P079	0.1 µg/l	302	0	< 0.005	< 0.005	0
Pesticides Triclopyr	P131	0.1 µg/l	289	0	< 0.015	< 0.015	0
Pesticides Trietazine	P132	0.1 µg/l	292	0	< 0.004	< 0.004	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	578	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	579	0	< 0.8	3.02	0
by Calculation)	D009B	10 µg/l	611	0	0	3.0688	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	605	1	0	85.448	1
<b>Totals:</b>			<b>29,161</b>	<b>4</b>			

**Table SEW 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	1,919	0	< 6	67.98	0
Colour	A001	20 mg/l Pt/Co	2,278	0	< 1	2	0
Iron (Total)	A022	200 µg Fe/l	1,934	1	< 4	98.275	1
Manganese (Total)	A023	50 µg Mn/l	1,919	0	< 1.7	6.52	0
Odour	A003	0 Dilution number at 25°C	2,291	4	0	0	3
Sodium (Total)	A009	200 mg Na/l	580	0	6.281	67.314	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	2,286	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	617	0	< 0.11	< 0.11	0
Turbidity	A002	4 NTU	2,278	0	< 0.1	0.3442	0
<b>Totals:</b>			<b>16,102</b>	<b>5</b>			

**Table SEW 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	2,279	0	< 0.02	0.023

Chloride	D002A	250 mg Cl/l	579	0	11.68	73.116
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	1,873	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	5,748	4	0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	2,371	-n/a	0	63
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	2,279	0	209.8	769.2
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	2,278	0	7.1	8.2
Residual Disinfectant - Free	C009	No abnormal change	5,735	-n/a	0.05	0.86
Residual Disinfectant - Total	C010	No abnormal change	5,735	-n/a	0.11	1.0064
Sulphate	A007	250 mg SO4/l	289	0	7.93	79.17
Total Organic Carbon	A017	No abnormal change	288	-n/a	< 0.3	3.211
<b>Totals:</b>			<b>29,454</b>	<b>4</b>		