

Viewing Site Summary Data for Southern Water Services Ltd

Report Date Range: For the whole year 2020

Table SRN 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	605	0	< 0.002	< 0.00776	0
Totals:			605	0			

Table SRN 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	12,523	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	12,523	8	0	0	8
Totals:			25,046	8			

Table SRN 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	12,532	-n/a	0	2
Residual Disinfectant - Free	C009	No abnormal change	12,543	-n/a	0.25	1.06
Residual Disinfectant - Total	C010	No abnormal change	12,543	-n/a	0.32	1.16
Turbidity - Indicator	A002A	1 NTU	12,531	1	< 0.16	0.426
Totals:			50,149	1		

Table SRN 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	10,608	1	0	0	1
Total Coliforms (Confirmed)	C001	0 number/100 ml	10,608	3	0	0	0
Totals:			21,216	4			

Table SRN 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	10,613	-n/a	0	10
Residual Disinfectant - Free	C009	No abnormal change	10,619	-n/a	0.12	0.81
Residual Disinfectant - Total	C010	No abnormal change	10,619	-n/a	0.21	0.86
Totals:			31,851	0		

Table SRN 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
1 2-Dichloroethane (Total)	F001	3 µg/l	606	0	< 0.16	< 0.16	0
Benzene (Total)	F002	1 µg/l	606	0	< 0.09	< 0.09	0
Boron	D005A	1 mg B/l	606	0	0.02045	0.077302	0
Bromate	F003	10 µg BrO3/l	606	0	< 0.15	1.979	0
Cyanide (Total)	B003	50 µg CN/l	607	0	< 5.5	< 5.5	0
Fluoride (Total)	A027	1.5 mg F/l	606	0	0.0507	0.21	0
Mercury (Total)	B005	1 µg Hg/l	606	0	< 0.06	< 0.06	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	607	0	0	0.10484	0
Pesticides 2 4-D	P020	0.1 µg/l	146	0	< 0.012	< 0.02843	0
Pesticides Aldrin	P002	0.03 µg/l	608	0	< 0.005	< 0.02	0
Pesticides Atrazine	P004	0.1 µg/l	534	0	< 0.004	0.022	0
Pesticides Atrazine Desisopropyl	P212	0.1 N/A	534	0	< 0.007	0.0406	0
Pesticides Benazolin (Total)	P138	0.1 µg/l	98	0	< 0.01	0.024	0
Pesticides Bentazone	P006	0.1 µg/l	469	0	< 0.004	0.0489	0
Pesticides Boscalid	P231	0.1 µg/l	94	0	< 0.011	< 0.011	0
Pesticides Bromacil	P086	0.1 µg/l	271	0	< 0.009	0.0254	0
Pesticides Bromoxynil	P008	0.1 µg/l	30	0	< 0.009	< 0.009	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	408	0	< 0.003	< 0.003	0
Pesticides Carbetamide	P010	0.1 µg/l	65	0	< 0.008	< 0.008	0
Pesticides Chlormequat	P163	0.1 µg/l	38	0	< 0.003	0.005	0
Pesticides Chlorothalonil	P015	0.1 µg/l	8	0	< 0.014	< 0.014	0
Pesticides Chlorpyrifos (Chlorpyriphos Ethyl)	P017	0.1 µg/l	84	0	< 0.016	< 0.08	0
Pesticides Chlortoluron	P014	0.1 µg/l	265	0	< 0.007	< 0.007	0
Pesticides Clopyralid	P018	0.1 µg/l	161	0	< 0.015	0.03094	0
Pesticides Cyanazine	P092	0.1 µg/l	120	0	< 0.006	< 0.012	0
Pesticides Cyproconazole	P207	0.1 µg/l	93	0	< 0.007	< 0.007	0
Pesticides Desethylatrazine	P182	0.1 µg/l	534	0	< 0.005	0.0563	0
Pesticides Diazinon	P024	0.1 µg/l	163	0	< 0.006	< 0.01848	0
Pesticides Dicamba	P025	0.1 µg/l	134	0	< 0.012	< 0.012	0
Pesticides Dichlorprop	P026	0.1 µg/l	52	0	< 0.017	< 0.017	0
Pesticides Dieldrin	P028	0.03 µg/l	608	0	< 0.005	< 0.01	0
Pesticides Diflufenican	P157	0.1 µg/l	86	0	< 0.007	< 0.014	0
Pesticides Diuron	P032	0.1 µg/l	220	0	< 0.009	0.03765	0
Pesticides Epoxyconazole	P217	0.1 µg/l	271	0	< 0.005	0.00556	0
Pesticides Fenpropimorph	P037	0.1 µg/l	253	0	< 0.004	< 0.004	0

Pesticides Flufenacet	P230	0.1 µg/l	165	0	< 0.008	0.01868	0
Pesticides Fluroxypyr	P040	0.1 µg/l	126	0	< 0.009	< 0.009	0
Pesticides Flusilazole	P159	0.1 µg/l	60	0	< 0.006	< 0.006	0
Pesticides Flutriafol	P039	0.1 µg/l	309	0	< 0.005	0.014	0
Pesticides Fluxapyroxad	P274	0.1 µg/l	46	0	< 0.009	< 0.009	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	8	0	< 0.006	< 0.012	0
Pesticides Glyphosate	P042	0.1 µg/l	141	0	< 0.005	< 0.05	0
Pesticides Heptachlor (Heptachlor Epoxide)	P043	0.03 µg/l	608	0	< 0.004	< 0.008	0
Pesticides Isoproturon	P044	0.03 µg/l	608	0	< 0.005	< 0.01	0
Pesticides Linuron	P048	0.1 µg/l	134	0	< 0.005	< 0.00565	0
Pesticides Linuron	P051	0.1 µg/l	54	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	134	0	< 0.012	< 0.012	0
Pesticides MCPB	P055	0.1 µg/l	36	0	< 0.018	< 0.018	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	201	0	< 0.009	< 0.009	0
Pesticides Mepiquat Chloride	P280	0.1 µg/l	24	0	< 0.004	< 0.004	0
Pesticides Metaldehyde	P226	0.1 µg/l	451	0	< 0.005	< 0.035	0
Pesticides Metazachlor	P203	0.1 µg/l	240	0	< 0.006	0.023	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	220	0	< 0.005	< 0.005	0
Pesticides Parathion (Parathion ethyl)	P059	0.1 µg/l	18	0	< 0.007	< 0.014	0
Pesticides Pendimethalin	P118	0.1 µg/l	134	0	< 0.02	< 0.02	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	20	0	< 0.02	< 0.02	0
Pesticides Picloram (Total)	P122	0.1 µg/l	239	0	< 0.019	< 0.019	0
Pesticides Pirimicarb	P064	0.1 µg/l	133	0	< 0.005	< 0.0182	0
Pesticides Prometryne	P070	0.1 µg/l	150	0	< 0.004	< 0.01184	0
Pesticides Propazine	P066	0.1 µg/l	388	0	< 0.004	< 0.004	0
Pesticides Propiconazole	P068	0.1 µg/l	123	0	< 0.007	< 0.007	0
Pesticides Propyzamide	P071	0.1 µg/l	105	0	< 0.009	< 0.009	0
Pesticides Prosulfocarb	P243	0.1 µg/l	166	0	< 0.009	< 0.02088	0
Pesticides Quinmerac	P244	0.1 µg/l	321	0	< 0.006	0.01078	0
Pesticides Simazine	P073	0.1 µg/l	596	0	< 0.004	0.012	0
Pesticides Spiroxamine	P239	0.1 µg/l	262	0	< 0.006	< 0.006	0
Pesticides Tebuconazole	P177	0.1 µg/l	134	0	< 0.005	0.00565	0
Pesticides Terbutylazine	P173	0.1 µg/l	20	0	< 0.003	< 0.003	0
Pesticides Terbutryn	P077	0.1 µg/l	275	0	< 0.003	< 0.003	0
Pesticides Tri-allate	P079	0.1 µg/l	145	0	< 0.005	< 0.025	0
Pesticides Triclopyr	P131	0.1 µg/l	90	0	< 0.028	< 0.028	0
Pesticides Trietazine	P132	0.1 µg/l	306	0	< 0.004	0.01	0
Pesticides Trifluralin	P081	0.1 µg/l	16	0	< 0.004	< 0.004	0
Radon	F031	100 Bq/l	152	0	< 0.5	9.911	0
Totals:			18,555	0			

Table SRN 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	606	0	10.114	68.216
(Confirmed)	C004A	0 number/100 ml	606	0	0	0
Conductivity (Electrical Conductivity)	D001	2500 μ S/cm at 20°C	2,880	0	250.81	768
Gross Alpha	F004	0.1 Bq/l	155	0 <	0.01556	0.06196
Gross Beta	F005	1 Bq/l	153	0 <	0.02054	0.1546
Sulphate	A007	250 mg SO ₄ /l	606	0	3.9235	77.826
Total Organic Carbon	A017	No abnormal change	606	-n/a	0.4	3.1
Tritium	F006	100 Bq/l	152	0 <	5.6	7.911
Totals:			5,764	0		

Table SRN 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	9	0	< 0.16	< 0.16	0
Antimony	B008A	5 µg Sb/l	706	0	0.03	0.2493	0
Arsenic (Total)	B001A	10 µg As/l	706	0	0.12	0.7086	0
Benzene (Total)	F002	1 µg/l	9	0	< 0.09	< 0.09	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	732	0	< 0.00057	< 0.0006	0
Boron	D005A	1 mg B/l	9	0	< 0.0319	0.12	0
Bromate	F003	10 µg BrO ₃ /l	175	0	< 0.15	1.848	0
Cadmium (Total)	B002	5 µg Cd/l	706	0	< 0.01	< 0.03	0
Chromium (Total)	B004	50 µg Cr/l	704	2	0.05	3.292	2
Copper (Total)	A024A	2 mg Cu/l	602	4	0.000603	1.2	4
Cyanide (Total)	B003	50 µg CN/l	9	0	< 5.5	< 5.5	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	8,438	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	702	1	0	0	1
Fluoride (Total)	A027	1.5 mg F/l	9	0	0.08	0.13	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	602	2	< 0.04	5.2976	2
Mercury (Total)	B005	1 µg Hg/l	9	0	< 0.06	< 0.06	0
Nickel (Total)	B006A	20 µg Ni/l	602	4	0.2809	9.6449	4
Nitrate (Total)	A012	50 mg NO ₃ /l	705	0	2.0912	42.888	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	705	0	< 0.002	< 0.00494	0
Nitrite/Nitrate formula	A013C	1 mg/l	705	0	0	0.8594	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	9	0	0	0.054	0
Pesticides 2,4-D	P020	0.1 µg/l	9	0	< 0.012	< 0.012	0
Pesticides Aldrin	P002	0.03 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Atrazine	P004	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Benazolin (Total)	P138	0.1 µg/l	9	0	< 0.01	< 0.01	0
Pesticides Bentazone	P006	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Boscalid	P231	0.1 µg/l	9	0	< 0.011	< 0.011	0
Pesticides Bromacil	P086	0.1 µg/l	9	0	< 0.009	< 0.009	0
Pesticides Bromoxynil	P008	0.1 µg/l	9	0	< 0.009	< 0.009	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	9	0	< 0.003	< 0.003	0
Pesticides Carbetamide	P010	0.1 µg/l	9	0	< 0.008	< 0.008	0
Pesticides Chlormequat	P163	0.1 µg/l	9	0	< 0.003	< 0.003	0
Pesticides Chlorothalonil	P015	0.1 µg/l	9	0	< 0.014	< 0.014	0
Pesticides Chlorpyrifos (Chlorpyrifos Ethyl)	P017	0.1 µg/l	9	0	< 0.016	< 0.016	0
Pesticides Chlortoluron	P014	0.1 µg/l	9	0	< 0.007	< 0.007	0

Pesticides Clopyralid	P018	0.1 µg/l	9	0	< 0.015	0.015	0
Pesticides Cyanazine	P092	0.1 µg/l	9	0	< 0.006	< 0.006	0
Pesticides Cyproconazole	P207	0.1 µg/l	9	0	< 0.007	< 0.007	0
Pesticides Diazinon	P024	0.1 µg/l	9	0	< 0.006	< 0.006	0
Pesticides Dicamba	P025	0.1 µg/l	9	0	< 0.012	< 0.012	0
Pesticides Dichlorprop	P026	0.1 µg/l	9	0	< 0.017	< 0.017	0
Pesticides Dieldrin	P028	0.03 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Diflufenican	P157	0.1 µg/l	9	0	< 0.007	< 0.007	0
Pesticides Diuron	P032	0.1 µg/l	9	0	< 0.009	< 0.009	0
Pesticides Epoxyconazole	P217	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Fenpropimorph	P037	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Flufenacet	P230	0.1 µg/l	9	0	< 0.008	0.009	0
Pesticides Fluroxypyr	P040	0.1 µg/l	9	0	< 0.009	< 0.009	0
Pesticides Flusilazole	P159	0.1 µg/l	9	0	< 0.006	< 0.006	0
Pesticides Flutriafol	P039	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Gamma-HCH (Lindane)	P041	0.1 µg/l	9	0	< 0.006	< 0.006	0
Pesticides Glyphosate	P042	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Heptachlor (Heptachlor Epoxide)	P043 P044	0.03 µg/l 0.03 µg/l	9 9	0 0	< 0.004 < 0.005	< 0.004 < 0.005	0 0
Pesticides Isoproturon	P048	0.1 µg/l	9	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	9	0	< 0.012	< 0.012	0
Pesticides MCPB	P055	0.1 µg/l	9	0	< 0.018	< 0.018	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	9	0	< 0.009	< 0.009	0
Pesticides Mepiquat Chloride	P280	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Metaldehyde	P226	0.1 µg/l	9	0	< 0.005	< 0.035	0
Pesticides Metazachlor	P203	0.1 µg/l	9	0	< 0.006	< 0.006	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Parathion (Parathion ethyl)	P059	0.1 µg/l	9	0	< 0.007	< 0.007	0
Pesticides Pendimethalin	P118	0.1 µg/l	9	0	< 0.02	< 0.02	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	9	0	< 0.02	< 0.02	0
Pesticides Picloram (Total)	P122	0.1 µg/l	9	0	< 0.019	< 0.019	0
Pesticides Pirimicarb	P064	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Prometryne	P070	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Propazine	P066	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Propiconazole	P068	0.1 µg/l	9	0	< 0.007	< 0.007	0
Pesticides Propyzamide	P071	0.1 µg/l	9	0	< 0.009	< 0.009	0
Pesticides Prosulfocarb	P243	0.1 µg/l	9	0	< 0.009	< 0.009	0
Pesticides Quinmerac	P244	0.1 µg/l	9	0	< 0.006	0.012	0
Pesticides Simazine	P073	0.1 µg/l	9	0	< 0.004	< 0.004	0

Pesticides Spiroxamine	P239	0.1 µg/l	9	0	< 0.006	< 0.006	0
Pesticides Tebuconazole	P177	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Terbutryn	P077	0.1 µg/l	9	0	< 0.003	< 0.003	0
Pesticides Tri-allate	P079	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Triclopyr	P131	0.1 µg/l	9	0	< 0.028	< 0.028	0
Pesticides Trietazine	P132	0.1 µg/l	9	0	< 0.004	< 0.004	0
Pesticides Trifluralin	P081	0.1 µg/l	9	0	< 0.004	< 0.004	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	713	0	0	0.003	0
Radon	F031	100 Bq/l	7	0	< 0.5	3.5	0
Selenium (Total)	B009	10 µg Se/l	706	0	< 0.08	1.26	0
(Total by Calculation)	D009B	10 µg/l	702	0	0	2.14	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	701	0	1.335	63.5834	0
Totals:			20,231	13			

Table SRN 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	2,971	0	< 6.9	23.028	0
Colour	A001	20 mg/l Pt/Co	2,988	0	< 2.8	< 2.8	0
Iron (Total)	A022	200 µg Fe/l	2,971	3	< 3.72	53.52	3
Manganese (Total)	A023	50 µg Mn/l	2,969	0	< 0.3	3.026	0
Odour	A003	0 Dilution number at 25°C	2,999	2	0	0	2
Sodium (Total)	A009	200 mg Na/l	706	0	5.5	43.686	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	2,990	4	0	0	4
Tetrachloromethane (Total)	D008	3 µg/l	702	0	< 0.13	< 0.13	0
Turbidity	A002	4 NTU	2,989	1	< 0.16	0.437	1
Totals:			22,285	10			

Table SRN 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	705	0	< 0.008	0.01488
Chloride	D002A	250 mg Cl/l	9	0	10.7	38.3
(Confirmed)	C004A	0 number/100 ml	9	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	8,438	5	0	0

Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	2,990	-n/a	0	17
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	12	0	347	590
Gross Alpha	F004	0.1 Bq/l	9	0 <	0.016	< 0.023
Gross Beta	F005	1 Bq/l	9	0 <	0.017	0.175
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	2,989	0	7.08	7.85
Residual Disinfectant - Free	C009	No abnormal change	8,449	-n/a	0.06	0.78
Residual Disinfectant - Total	C010	No abnormal change	8,449	-n/a	0.16	0.85
Sulphate	A007	250 mg SO4/l	9	0	4.7	62.3
Total Organic Carbon	A017	No abnormal change	9	-n/a	0.5	4.5
Tritium	F006	100 Bq/l	9	0 <	5.6	< 5.6
Totals:			32,095	5		