

Viewing Site Summary Data for South Staffordshire Water Plc

Report Date Range: For the whole year 2020

Table SST 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	168	0 <	0.006	< 0.006	0
Totals:			168	0			

Table SST 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	4,305	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	4,305	1	0	0	1
Totals:			8,610	1			

Table SST 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	4,305	-n/a	0	7
Residual Disinfectant - Free	C009	No abnormal change	4,305	-n/a	0.16	1.06
Turbidity - Indicator	A002A	1 NTU	4,305	0 <	0.1	0.15
Totals:			12,915	0		

Table SST 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	1,679	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	1,679	0	0	0	0
Totals:			3,358	0			

Table SST 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	1,679	-n/a	0	91
Residual Disinfectant - Free	C009	No abnormal change	1,679	-n/a	0.03	0.512
Totals:			3,358	0		

Table SST 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	160	0 <	0.12	< 0.12	0
Benzene (Total)	F002	1 µg/l	160	0 <	0.02	< 0.02	0
Cyanide (Total)	B003	50 µg CN/l	160	0 <	2	3	0
Mercury (Total)	B005	1 µg Hg/l	160	0 <	0.04	0.05	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	160	0	0	0.10017	0
Pesticides 2 4-D	P020	0.1 µg/l	36	0 <	0.007	0.02	0
Pesticides 2 4-DB	P082	0.1 µg/l	36	0 <	0.007	< 0.007	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	36	0 <	0.01	< 0.01	0
Pesticides 2,4,5-T	P076	0.1 µg/l	36	0 <	0.007	< 0.007	0
Pesticides Aldrin	P002	0.03 µg/l	9	0 <	0.007	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	91	0 <	0.002	0.018	0
Pesticides Benazolin (Total)	P138	0.1 µg/l	24	0 <	0.009	< 0.009	0
Pesticides Bentazone	P006	0.1 µg/l	75	0 <	0.007	0.009	0
Pesticides Bromacil	P086	0.1 µg/l	8	0 <	0.003	0.005	0
Pesticides Bromoxynil	P008	0.1 µg/l	36	0 <	0.007	< 0.007	0
Pesticides Carbetamide	P010	0.1 µg/l	24	0 <	0.002	< 0.005	0
Pesticides Chloridazon	P162	0.1 µg/l	45	0 <	0.003	< 0.008	0
Pesticides Chlormequat	P163	0.1 µg/l	24	0 <	0.003	0.012	0
Pesticides Chlorpropham	P016	0.1 µg/l	31	0 <	0.01	< 0.01	0
Pesticides Chlorthal (Chlorthal Dimethyl) DCPA	P175	0.1 µg/l	117	0 <	0.022	0.05392	0
Pesticides Chlortoluron	P014	0.1 µg/l	44	0 <	0.003	< 0.005	0
Pesticides Clopyralid	P018	0.1 µg/l	36	0 <	0.007	0.038	0
Pesticides Diazinon	P024	0.1 µg/l	40	0 <	0.007	< 0.007	0
Pesticides Dicamba	P025	0.1 µg/l	36	0 <	0.02	< 0.02	0
Pesticides Dichlorprop	P026	0.1 µg/l	44	0 <	0.003	< 0.005	0
Pesticides Dimethoate	P029	0.1 µg/l	24	0 <	0.003	< 0.02	0
Pesticides Diuron	P032	0.1 µg/l	102	0 <	0.004	0.005	0
Pesticides Flufenacet	P230	0.1 µg/l	36	0 <	0.002	0.01	0
Pesticides Fluroxypyr	P040	0.1 µg/l	36	0 <	0.008	0.014	0
Pesticides Flutriafol	P039	0.1 µg/l	45	0 <	0.003	< 0.005	0
Pesticides Glyphosate	P042	0.1 µg/l	24	0 <	0.005	< 0.025	0
Pesticides Isoproturon	P048	0.1 µg/l	20	0 <	0.003	< 0.005	0
Pesticides Linuron	P051	0.1 µg/l	32	0 <	0.003	< 0.005	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	36	0 <	0.008	0.008	0
Pesticides MCPB	P055	0.1 µg/l	21	0 <	0.008	< 0.009	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	36	0 <	0.005	0.008	0
Pesticides Metaldehyde	P226	0.1 µg/l	90	0 <	0.008	0.015	0
Pesticides Metazachlor	P203	0.1 µg/l	60	0 <	0.003	0.011	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	12	0 <	0.001	< 0.005	0
Pesticides Monuron	P113	0.1 µg/l	16	0 <	0.002	< 0.002	0

Pesticides Pendimethalin	P118	0.1 µg/l	51	0	<	0.007	<	0.007	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	12	0	<	0.009	<	0.017	0
Pesticides Picloram (Total)	P122	0.1 µg/l	36	0	<	0.008		0.022	0
Pesticides Propachlor	P126	0.1 µg/l	52	0	<	0.017	<	0.017	0
Pesticides Propazine	P066	0.1 µg/l	28	0	<	0.002	<	0.005	0
Pesticides Propham	P067	0.1 µg/l	56	0	<	0.012	<	0.012	0
Pesticides Propiconazole	P068	0.1 µg/l	12	0	<	0.007	<	0.008	0
Pesticides Propyzamide	P071	0.1 µg/l	44	0	<	0.005		0.03	0
Pesticides Prothioconazole	P242	0.1 µg/l	24	0	<	0.006	<	0.006	0
Pesticides Quinmerac	P244	0.1 µg/l	44	0	<	0.002		0.015	0
Pesticides Simazine	P073	0.1 µg/l	83	0	<	0.003		0.006	0
Pesticides Tebuconazole	P177	0.1 µg/l	24	0	<	0.002	<	0.005	0
Pesticides Triclopyr	P131	0.1 µg/l	36	0	<	0.015	<	0.015	0
by Calculation)	D009B	10 µg/l	160	0		0		3.9746	0
Totals:			2,880	0					

Table SST 7: Quality of water leaving bulk supply points - 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 supply points with failures
Tetrachloromethane (Total)	D008	3 µg/l	160	0	<	0.11	<	0.11	0
Totals:			160	0					

Table SST 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)
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	196	0		0		0
Gross Alpha	F004	0.1 Bq/l	160	14	<	0.02		0.1839
Gross Beta	F005	1 Bq/l	160	0	<	0.28		0.3239
Tritium	F006	100 Bq/l	3	0	<	6	<	6
Totals:			519	14				

Table SST 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
Antimony	B008A	5 µg Sb/l	282	0	< 0.2	1.8	0
Arsenic (Total)	B001A	10 µg As/l	282	0	< 1	2.953	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	281	0	< 0.003	< 0.003	0
Boron	D005A	1 mg B/l	282	0	< 0.04	0.106	0
Bromate	F003	10 µg BrO3/l	282	0	< 0.8	3.651	0
Cadmium (Total)	B002	5 µg Cd/l	282	0	< 0.12	0.2634	0
Chromium (Total)	B004	50 µg Cr/l	282	0	< 0.5	2.1	0
Copper (Total)	A024A	2 mg Cu/l	282	0	< 0.004	0.68305	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	3,735	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	282	0	0	0	0
Fluoride (Fluoridated)	A027A	1.2 mg F/l	282	15	0.17874	1.06	12
Fluoride (Total)	A027	1.5 mg F/l	282	0	0.17874	1.06	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	282	0	< 0.5	4.768	0
Nickel (Total)	B006A	20 µg Ni/l	282	0	0.466	5.451	0
Nitrate (Total)	A012	50 mg NO3/l	282	0	< 2	43.063	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	282	0	< 0.003	0.00951	0
Nitrite/Nitrate formula	A013C	1 mg/l	282	0	0.021	0.86226	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	281	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	282	0	< 0.8	0.9	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	251	0	0	90.544	0
Totals:			9,060	15			

Table SST 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	1,303	0	< 5	46.696	0
Colour	A001	20 mg/l Pt/Co	1,303	0	< 1	3	0
Iron (Total)	A022	200 µg Fe/l	1,303	0	3.904	55.932	0
Manganese (Total)	A023	50 µg Mn/l	1,303	0	< 0.9	13.596	0
Odour	A003	0 Dilution number at 25°C	1,303	3	0	0	2
Sodium (Total)	A009	200 mg Na/l	282	0	8.466	57.125	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	1,305	0	0	0	0
Turbidity	A002	4 NTU	1,303	0	< 0.1	0.3796	0
Totals:			9,405	3			

Table SST 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	1,303	0 <	0.02	< 0.03
Chloride	D002A	250 mg Cl/l	282	0	25.83	83.34
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	3,735	6	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	1,304	-n/a	0	41
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	1,303	0	306.04	809.88
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	1,303	0	6.8	7.7
Residual Disinfectant - Free	C009	No abnormal change	3,736	-n/a	0.03	0.8
Residual Disinfectant - Total	C010	No abnormal change	3,735	-n/a	0.09	0.94
Sulphate	A007	250 mg SO ₄ /l	282	0	18.515	115.48
Total Organic Carbon	A017	No abnormal change	281	-n/a <	0.3	4.118
Totals:			17,264	6		