

Viewing Site Summary Data for Severn Trent Water Ltd

Report Date Range: For the whole year 2020

Table SVT 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 <sub>2</sub> /l	1,572	0 <	0.005	< 0.01	0
<b>Totals:</b>			<b>1,572</b>	<b>0</b>			

Table SVT 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	22,694	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	22,694	9	0	0	7
<b>Totals:</b>			<b>45,388</b>	<b>9</b>			

Table SVT 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	22,693	-n/a	0	4
Residual Disinfectant - Free	C009	No abnormal change	22,692	-n/a	0.16	1.07
Residual Disinfectant - Total	C010	No abnormal change	520	-n/a	0.14	0.4879
Turbidity - Indicator	A002A	1 NTU	22,681	3 <	0.12	< 0.24
<b>Totals:</b>			<b>68,586</b>	<b>3</b>		

**Table SVT 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	22,892	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	22,893	13	0	0	0
<b>Totals:</b>			<b>45,785</b>	<b>13</b>			

**Table SVT 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	22,894	-n/a	0	69
Residual Disinfectant - Free	C009	No abnormal change	22,918	-n/a	0.05	0.62
Residual Disinfectant - Total	C010	No abnormal change	1,472	-n/a	0.1	0.84
<b>Totals:</b>			<b>47,284</b>	<b>0</b>		

Table SVT 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	1,021	0 <	0.3	< 0.3	0
Benzene (Total)	F002	1 µg/l	1,021	0 <	0.12	< 0.12	0
Boron	D005A	1 mg B/l	1,021	0 <	0.03	0.15978	0
Cyanide (Total)	B003	50 µg CN/l	1,019	0 <	3.6	< 3.6	0
Mercury (Total)	B005	1 µg Hg/l	1,016	0 <	0.015	< 0.034	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	675	0	0	0.09224	0
Pesticides 2 4-D	P020	0.1 µg/l	283	0 <	0.009	0.0108	0
Pesticides 2 4-DB	P082	0.1 µg/l	267	0 <	0.016	< 0.016	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	291	0 <	0.027	< 0.027	0
Pesticides Aldrin	P002	0.03 µg/l	310	0 <	0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	357	0 <	0.013	< 0.025	0
Pesticides Atrazine	P004	0.1 µg/l	416	0 <	0.011	0.02883	0
Pesticides Azoxystrobin	P227	0.1 µg/l	269	0 <	0.004	< 0.011	0
Pesticides Benazolin (Total)	P138	0.1 µg/l	275	0 <	0.007	< 0.007	0
Pesticides Bentazone	P006	0.1 µg/l	387	0 <	0.006	0.01512	0
Pesticides Boscalid	P231	0.1 µg/l	285	0 <	0.007	< 0.009	0
Pesticides Bromoxynil	P008	0.1 µg/l	267	0 <	0.011	< 0.011	0
Pesticides Carbenazim (Total)	P150	0.1 µg/l	277	0 <	0.011	< 0.011	0
Pesticides Carbetamide	P010	0.1 µg/l	278	0 <	0.012	< 0.012	0
Pesticides Chloridazon	P162	0.1 µg/l	293	0 <	0.004	< 0.012	0
Pesticides Chloromequat	P163	0.1 µg/l	293	0 <	0.003	0.007	0
Pesticides Chlortoluron	P014	0.1 µg/l	285	0 <	0.012	< 0.012	0
Pesticides Clopyralid	P018	0.1 µg/l	394	0 <	0.009	0.07405	0
Pesticides Cyproconazole	P207	0.1 µg/l	277	0 <	0.007	< 0.011	0
Pesticides Diazinon	P024	0.1 µg/l	269	0 <	0.01	< 0.01	0
Pesticides Dicamba	P025	0.1 µg/l	267	0 <	0.015	< 0.015	0
Pesticides Dichlorprop	P026	0.1 µg/l	267	0 <	0.009	< 0.009	0
Pesticides Dieldrin	P028	0.03 µg/l	310	0 <	0.008	< 0.008	0
Pesticides Diflufenican	P157	0.1 µg/l	269	0 <	0.01	< 0.01	0
Pesticides Dimethenamid - P	P265	0.1 µg/l	269	0 <	0.006	< 0.01	0
Pesticides Diuron	P032	0.1 µg/l	327	0 <	0.013	< 0.013	0
Pesticides Epoxyconazole	P217	0.1 µg/l	277	0 <	0.007	< 0.01	0
Pesticides Ethofumersate	P221	0.1 µg/l	269	0 <	0.015	< 0.015	0
Pesticides Fenpropimorph	P037	0.1 µg/l	269	0 <	0.011	< 0.011	0
Pesticides Flufenacet	P230	0.1 µg/l	277	0 <	0.005	< 0.009	0
Pesticides Fluroxypyr	P040	0.1 µg/l	283	0 <	0.006	0.011	0
Pesticides Flusilazole	P159	0.1 µg/l	269	0 <	0.009	< 0.014	0
Pesticides Flutriafol	P039	0.1 µg/l	285	0 <	0.015	< 0.015	0
Pesticides Fosthiazate	P254	0.1 µg/l	50	0 <	0.012	< 0.012	0
Pesticides Glyphosate	P042	0.1 µg/l	293	0 <	0.01	< 0.015	0

Pesticides Heptachlor	P043	0.03 µg/l	310	0	< 0.003	< 0.003	0
Epoxide)	P044	0.03 µg/l	310	0	0	0	0
Pesticides Isoproturon	P048	0.1 µg/l	303	0	< 0.011	< 0.011	0
Pesticides Lenacil	P109	0.1 µg/l	9	0	< 0.006	< 0.007	0
Pesticides Linuron	P051	0.1 µg/l	269	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	299	0	< 0.006	0.014	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	299	0	< 0.005	0.015	0
Pesticides Metalaxyl	P209	0.1 µg/l	309	0	< 0.007	< 0.009	0
Pesticides Metaldehyde	P226	0.1 µg/l	408	1	< 0.006	0.05782	1
Pesticides Metamitron	P194	0.1 µg/l	302	0	< 0.012	< 0.012	0
Pesticides Metazachlor	P203	0.1 µg/l	298	0	< 0.011	0.01201	0
Pesticides Metribuzin	P152	0.1 µg/l	277	0	< 0.004	< 0.009	0
Pesticides Monuron	P113	0.1 µg/l	269	0	< 0.011	< 0.011	0
Pesticides Oxadixyl	P154	0.1 µg/l	349	0	< 0.004	0.0615	0
Pesticides Pendimethalin	P118	0.1 µg/l	298	0	< 0.012	< 0.012	0
Pesticides Pirimicarb	P064	0.1 µg/l	268	0	< 0.01	< 0.01	0
Pesticides Propiconazole	P068	0.1 µg/l	294	0	< 0.014	< 0.014	0
Pesticides Propyzamide	P071	0.1 µg/l	301	0	< 0.011	0.01698	0
Pesticides Prosulfocarb	P243	0.1 µg/l	267	0	< 0.005	< 0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	301	0	< 0.009	< 0.014	0
Pesticides Simazine	P073	0.1 µg/l	318	0	< 0.011	< 0.011	0
Pesticides Tebuconazole	P177	0.1 µg/l	277	0	< 0.006	< 0.01	0
Pesticides Terbutryn	P077	0.1 µg/l	269	0	< 0.009	< 0.009	0
Pesticides Triadimefon	P078	0.1 µg/l	277	0	< 0.012	< 0.012	0
Pesticides Tri-allate	P079	0.1 µg/l	269	0	< 0.003	< 0.003	0
Pesticides Triclopyr	P131	0.1 µg/l	267	0	< 0.011	< 0.011	0
Pesticides Trinexapac-ethyl	P236	0.1 µg/l	85	0	< 0.01	< 0.01	0
<b>Totals:</b>			<b>23,029</b>	<b>1</b>			

Table SVT 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	1,021	0	8.8	147.724
Gross Alpha	F004	0.1 Bq/l	41	13	< 0.034	0.474
Gross Beta	F005	1 Bq/l	41	0	0.024	0.166
Sulphate	A007	250 mg SO <sub>4</sub> /l	1,021	0	6.466	156.078
Total Organic Carbon	A017	No abnormal change	1,021	-n/a	< 0.8	3.5
Tritium	F006	100 Bq/l	25	0	< 3	< 3
<b>Totals:</b>			<b>3,170</b>	<b>13</b>		

Table SVT 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	115	0 <	0.3	< 0.3	0
Antimony	B008A	5 µg Sb/l	1,435	0 <	0.08	0.4764	0
Arsenic (Total)	B001A	10 µg As/l	1,435	0 <	0.09	6.5996	0
Benzene (Total)	F002	1 µg/l	115	0 <	0.12	< 0.12	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	1,343	0 <	0.001	< 0.001	0
Boron	D005A	1 mg B/l	115	0 <	0.03	0.09668	0
Bromate	F003	10 µg BrO3/l	1,342	0 <	0.53	2.6028	0
Cadmium (Total)	B002	5 µg Cd/l	1,435	0 <	0.02	0.8064	0
Chromium (Total)	B004	50 µg Cr/l	1,435	0 <	0.3	< 2.1	0
Copper (Total)	A024A	2 mg Cu/l	923	0 <	0.0014	0.557864	0
Cyanide (Total)	B003	50 µg CN/l	115	0 <	3.6	< 3.6	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	18,408	1	0	0	1
Enterococci (Confirmed)	C003	0 number/100 ml	1,437	0	0	0	0
Fluoride (Fluoridated)	A027A	1.2 mg F/l	170	43 <	0.08	1.1245	16
Fluoride (Total)	A027	1.5 mg F/l	1,435	0 <	0.08	1.04	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	919	3 <	0.15	7.416	3
Mercury (Total)	B005	1 µg Hg/l	115	0 <	0.015	< 0.034	0
Nickel (Total)	B006A	20 µg Ni/l	923	2 <	0.8	10.78	2
Nitrate (Total)	A012	50 mg NO3/l	1,653	0 <	2.01	41.7984	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	1,654	0 <	0.005	0.01645	0
Nitrite/Nitrate formula	A013C	1 mg/l	1,654	0 <	0.04	0.84	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	116	0	0	0.079	0
Pesticides 2 4-D	P020	0.1 µg/l	116	0 <	0.009	0.01266	0
Pesticides 2 4-DB	P082	0.1 µg/l	116	0 <	0.016	< 0.016	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	116	0 <	0.027	< 0.027	0
Pesticides Aldrin	P002	0.03 µg/l	114	0 <	0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	116	0 <	0.013	< 0.025	0
Pesticides Atrazine	P004	0.1 µg/l	116	0 <	0.011	< 0.011	0
Pesticides Azoxystrobin	P227	0.1 µg/l	116	0 <	0.004	< 0.011	0
Pesticides Benazolin (Total)	P138	0.1 µg/l	116	0 <	0.007	< 0.00783	0
Pesticides Bentazone	P006	0.1 µg/l	116	0 <	0.006	< 0.006	0
Pesticides Boscalid	P231	0.1 µg/l	116	0 <	0.007	< 0.009	0
Pesticides Bromoxynil	P008	0.1 µg/l	116	0 <	0.011	< 0.011	0
Pesticides Carbetamide	P010	0.1 µg/l	116	0 <	0.012	< 0.012	0
Pesticides Chloridazon	P162	0.1 µg/l	116	0 <	0.004	< 0.012	0
Pesticides Chlormequat	P163	0.1 µg/l	115	0 <	0.003	0.01	0
Pesticides Chlortoluron	P014	0.1 µg/l	116	0 <	0.012	< 0.012	0
Pesticides Clopyralid	P018	0.1 µg/l	116	0 <	0.009	0.02666	0
Pesticides Cyproconazole	P207	0.1 µg/l	116	0 <	0.007	< 0.011	0

Pesticides Diazinon	P024	0.1 µg/l	116	0	< 0.01	< 0.01	0
Pesticides Dicamba	P025	0.1 µg/l	116	0	< 0.015	< 0.015	0
Pesticides Dichlorprop	P026	0.1 µg/l	116	0	< 0.009	< 0.009	0
Pesticides Dieldrin	P028	0.03 µg/l	114	0	< 0.008	< 0.008	0
Pesticides Diflufenican	P157	0.1 µg/l	116	0	< 0.01	< 0.01	0
Pesticides Dimethenamid - P	P265	0.1 µg/l	115	0	< 0.006	< 0.01	0
Pesticides Diuron	P032	0.1 µg/l	116	0	< 0.013	< 0.013	0
Pesticides Epoxyconazole	P217	0.1 µg/l	116	0	< 0.007	< 0.01	0
Pesticides Ethofumersate	P221	0.1 µg/l	116	0	< 0.015	< 0.015	0
Pesticides Fenpropimorph	P037	0.1 µg/l	116	0	< 0.011	< 0.011	0
Pesticides Flufenacet	P230	0.1 µg/l	116	0	< 0.005	< 0.009	0
Pesticides Fluroxypyr	P040	0.1 µg/l	116	0	< 0.006	0.01183	0
Pesticides Flusilazole	P159	0.1 µg/l	116	0	< 0.009	< 0.014	0
Pesticides Flutriafol	P039	0.1 µg/l	116	0	< 0.015	< 0.015	0
Pesticides Fosthiazate	P254	0.1 µg/l	116	0	< 0.012	< 0.012	0
Pesticides Glyphosate	P042	0.1 µg/l	113	0	< 0.01	< 0.015	0
Pesticides Heptachlor	P043	0.03 µg/l	114	0	< 0.003	< 0.003	0
Epoxide)	P044	0.03 µg/l	114	0	0	0	0
Pesticides Isoproturon	P048	0.1 µg/l	116	0	< 0.011	< 0.011	0
Pesticides Linuron	P051	0.1 µg/l	116	0	< 0.012	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	116	0	< 0.006	0.009	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	116	0	< 0.005	0.008	0
Pesticides Metalaxyl	P209	0.1 µg/l	116	0	< 0.007	< 0.009	0
Pesticides Metaldehyde	P226	0.1 µg/l	116	0	< 0.006	0.05915	0
Pesticides Metamitron	P194	0.1 µg/l	116	0	< 0.012	< 0.012	0
Pesticides Metazachlor	P203	0.1 µg/l	116	0	< 0.011	< 0.011	0
Pesticides Metribuzin	P152	0.1 µg/l	116	0	< 0.004	< 0.009	0
Pesticides Monuron	P113	0.1 µg/l	116	0	< 0.011	< 0.011	0
Pesticides Oxadixyl	P154	0.1 µg/l	116	0	< 0.004	0.04696	0
Pesticides Pendimethalin	P118	0.1 µg/l	116	0	< 0.012	< 0.012	0
Pesticides Pirimicarb	P064	0.1 µg/l	114	0	< 0.01	< 0.01	0
Pesticides Propiconazole	P068	0.1 µg/l	116	0	< 0.014	< 0.014	0
Pesticides Propyzamide	P071	0.1 µg/l	116	0	< 0.011	0.01532	0
Pesticides Prosulfocarb	P243	0.1 µg/l	115	0	< 0.005	< 0.012	0
Pesticides Quinmerac	P244	0.1 µg/l	116	0	< 0.009	< 0.014	0
Pesticides Simazine	P073	0.1 µg/l	116	0	< 0.011	< 0.011	0
Pesticides Tebuconazole	P177	0.1 µg/l	116	0	< 0.006	< 0.01	0
Pesticides Terbutryn	P077	0.1 µg/l	116	0	< 0.009	< 0.009	0
Pesticides Triadimefon	P078	0.1 µg/l	116	0	< 0.012	< 0.012	0
Pesticides Tri-allate	P079	0.1 µg/l	114	0	< 0.003	< 0.003	0
Pesticides Triclopyr	P131	0.1 µg/l	116	0	< 0.011	< 0.011	0
Pesticides Trinexapac-ethyl	P236	0.1 µg/l	116	0	< 0.01	< 0.01	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	1,343	0	0	0.001	0
Selenium (Total)	B009	10 µg Se/l	1,435	0	< 0.12	1.9928	0
by Calculation)	D009B	10 µg/l	1,434	0	0	0.5065	0

Trihalomethanes (Total by Calculation)	D011	100 µg/l	1,434	0	0	71.573	0
<b>Totals:</b>			<b>50,880</b>	<b>49</b>			

**Table SVT 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	5,963	0 <	14	28	0
Colour	A001	20 mg/l Pt/Co	6,980	0 <	0.7	2.7738	0
Iron (Total)	A022	200 µg Fe/l	5,964	6 <	8	81	5
Manganese (Total)	A023	50 µg Mn/l	5,963	2 <	0.7	7.936	2
Odour	A003	0 Dilution number at 25°C	6,964	6	0	0	5
Sodium (Total)	A009	200 mg Na/l	1,435	0	6.072	121.184	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	6,963	5	0	0	4
Tetrachloromethane (Total)	D008	3 µg/l	1,434	0 <	0.19	< 0.19	0
Turbidity	A002	4 NTU	6,980	1 <	0.12	< 0.24	1
<b>Totals:</b>			<b>48,646</b>	<b>20</b>			

**Table SVT 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	6,981	0 <	0.047	0.09118
Chloride	D002A	250 mg Cl/l	116	0	9.07	98.566
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	5,969	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	18,408	20	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	6,986	-n/a	0	48
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	6,980	0	109	801.19
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	6,979	0	7	8.19
Residual Disinfectant - Free	C009	No abnormal change	18,417	-n/a	0.03	0.65
Residual Disinfectant - Total	C010	No abnormal change	737	-n/a	0.11	0.8
Sulphate	A007	250 mg SO4/l	117	0	7.136	117.556
Total Organic Carbon	A017	No abnormal change	116	-n/a <	0.8	3.8
<b>Totals:</b>			<b>71,806</b>	<b>20</b>		