

Data summary tables for Severn Trent Water Ltd (SVT)

These tables contain a summary of results of monitoring undertaken by the water company in 2015 and submitted to the Drinking Water Inspectorate. The tables are published by the Inspectorate as part of the Chief Inspector's Report entitled *Drinking water 2015*.

The tables and full content of the Drinking Water Inspectorate's annual report are available on the Inspectorate's website at <http://www.dwi.defra.gov.uk>

Notes relating to the interpretation of the tables:

Columns on the following tables that are headed '1 percentile representing a minimum' and '99 percentile representing a maximum' contain figures for the 1 percentile and 99 percentile sample results respectively except where less than 100 samples were taken, when the figures are the actual maximum and minimum results.

The symbol < indicates that the result was less than the limit of detection of the analytical method used.

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Site Summary Data for Severn Trent Water Ltd

Report Date Range: For the whole year 2015

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 (Works)	A013B	0.1 mg NO ₂ /l	2,031	1	< 0.004	0.007	1
Totals:			2,031	1			

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
Coliform Bacteria	C001	0 number/100 ml	17,756	7	0	0	6
E coli	C002	0 number/100 ml	17,756	1	0	0	1
Totals:			35,512	8			

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 (Indicator)	C007	No abnormal change	17,755	-n/a	0	7
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	17,755	-n/a	0	2
Residual Disinfectant - Free	C009	No abnormal change	17,755	-n/a	0.03	1.11
Residual Disinfectant - Total	C010	No abnormal change	17,754	-n/a	0.16	1.29
Combined Chlorine/Residual Disinfectant Combined*	-(n/a)	-(n/a)	(17,754)	-n/a	0	0.3
Turbidity (Indicator)	A002A	1 nephelometric turbidity units	17,749	3	< 0.06	0.22
Totals:			88,768	3		

*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.

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
Coliform Bacteria	C001	0 number/100 ml	27,442	19	0	0	0
E coli	C002	0 number/100 ml	27,442	0	0	0	0
Totals:			54,884	19			

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 22°C (Indicator)	C007	No abnormal change	27,445	-n/a	0	36
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	27,443	-n/a	0	3
Residual Disinfectant - Free	C009	No abnormal change	27,435	-n/a	0.03	0.61
Residual Disinfectant - Total	C010	No abnormal change	27,424	-n/a	0.11	0.72
Combined Chlorine/Residual Disinfectant Combined*	-(n/a)	-(n/a)	(27,424)	-n/a	0	0.3
Totals:			109,747	0		

*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.

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	F001	3 µg/l	1,034	0	< 0.1	< 0.1	0
Benzene	F002	1 µg/l	1,034	0	< 0.05	< 0.05	0
Boron	D005A	1 mg B/l	1,034	0	< 0.012	0.1716	0
Cyanide	B003	50 µg CN/l	1,034	0	< 2	< 2	0
Mercury	B005	1 µg Hg/l	1,033	0	< 0.022	0.06232	0
Pesticides - Total Substances	B010	0.5 µg/l	1,004	0	0	0.0946	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides 2,4,5-T	P076	0.1 µg/l	847	0	< 0.005	< 0.005	0
Pesticides 2,4,-Db	P082	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides 2,4-D	P020	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides Aldrin	P002	0.03 µg/l	635	0	< 0.002	< 0.002	0
Pesticides Ametryn	P222	0.1 µg/l	877	0	< 0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	473	0	< 0.005	0.011	0
Pesticides Atrazine	P004	0.1 µg/l	877	0	< 0.003	0.02364	0
Pesticides Benazolin	P138	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides Bentazone	P006	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides Boscalid	P231	0.1 µg/l	473	0	< 0.003	0.009	0
Pesticides Bromoxynil	P008	0.1 µg/l	847	0	< 0.003	< 0.003	0
Pesticides Carbenazim	P150	0.1 µg/l	877	0	< 0.002	< 0.002	0
Pesticides Carbetamide	P010	0.1 µg/l	877	0	< 0.006	< 0.006	0
Pesticides Carbophenothion	P011	0.1 µg/l	636	0	< 0.002	< 0.002	0
Pesticides Chlorfenvinphos	P013	0.1 µg/l	877	0	< 0.005	< 0.005	0
Pesticides Chloridazon	P162	0.1 µg/l	473	0	< 0.002	0.009	0
Pesticides Chloromequat	P163	0.1 µg/l	314	0	< 0.002	0.005	0
Pesticides Chlorothalonil	P015	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides Chlorpyrifos	P017	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides Chlorpyrifos Methyl	P019	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides Chlortoluron	P014	0.1 µg/l	877	0	< 0.004	< 0.004	0
Pesticides Clopyralid	P018	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides Cyanazine	P092	0.1 µg/l	877	0	< 0.005	< 0.005	0
Pesticides Cypermethrin	P094	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides Cyproconazole	P207	0.1 µg/l	473	0	< 0.004	0.005	0
Pesticides Delta-HCH	P022	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides Deltamethrin	P095	0.1 µg/l	636	0	< 0.002	< 0.002	0
Pesticides Diazinon	P024	0.1 µg/l	877	0	< 0.006	< 0.006	0
Pesticides Dicamba	P025	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides Dichlorprop	P026	0.1 µg/l	10	0	< 0.003	0.016	0
Pesticides Dichlorvos	P027	0.1 µg/l	877	0	< 0.008	< 0.008	0
Pesticides Dieldrin	P028	0.03 µg/l	636	0	< 0.002	< 0.002	0
Pesticides Diflufenican	P157	0.1 µg/l	877	0	< 0.005	< 0.005	0

Table SVT 6: Quality of water leaving bulk supply points - European Standards (cont.)

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
Pesticides Dimethoate	P029	0.1 µg/l	877	0	< 0.005	< 0.005	0
Pesticides Diuron	P032	0.1 µg/l	877	0	< 0.003	0.007	0
Pesticides Epoxyconazole	P217	0.1 µg/l	473	0	< 0.003	0.006	0
Pesticides Ethofumersate	P221	0.1 µg/l	877	0	< 0.006	< 0.006	0
Pesticides Fenoprop	P105	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides Fenpropidin	P168	0.1 µg/l	877	0	< 0.004	< 0.004	0
Pesticides Fenpropimorph	P037	0.1 µg/l	877	0	< 0.002	< 0.002	0
Pesticides Fluroxypyr	P040	0.1 µg/l	847	0	< 0.006	< 0.006	0
Pesticides Flusilazole	P159	0.1 µg/l	473	0	< 0.002	0.00526	0
Pesticides Flutriafol	P039	0.1 µg/l	877	0	< 0.007	< 0.007	0
Pesticides Glyphosate	P042	0.1 µg/l	298	0	< 0.002	< 0.011	0
Pesticides Heptachlor	P043	0.03 µg/l	635	0	< 0.002	< 0.002	0
Pesticides Heptachlor epoxide	P044	0.03 µg/l	635	0	0	0	0
Pesticides Heptenophos	P176	0.1 µg/l	877	0	< 0.005	< 0.005	0
Pesticides Ioxynil	P049	0.1 µg/l	847	0	< 0.003	< 0.003	0
Pesticides Isoproturon	P048	0.1 µg/l	877	0	< 0.002	0.00222	0
Pesticides Isoxaben	P166	0.1 µg/l	473	0	< 0.001	0.00526	0
Pesticides Kresoxym-Methyl	P218	0.1 µg/l	473	0	< 0.003	0.006	0
Pesticides Linuron	P051	0.1 µg/l	877	0	< 0.005	< 0.005	0
Pesticides Malathion	P052	0.1 µg/l	877	0	< 0.004	< 0.004	0
Pesticides MCPA	P054	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides MCPB	P055	0.1 µg/l	847	0	< 0.004	< 0.004	0
Pesticides MCPP(Mecoprop)	P053	0.1 µg/l	847	0	< 0.006	< 0.006	0
Pesticides Metalaxyl	P209	0.1 µg/l	473	0	< 0.003	0.014	0
Pesticides Metaldehyde	P226	0.1 µg/l	545	2	< 0.001	0.09262	1
Pesticides Metamitron	P194	0.1 µg/l	877	0	< 0.003	< 0.003	0
Pesticides Metazachlor	P203	0.1 µg/l	877	0	< 0.003	0.01122	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	877	0	< 0.003	< 0.003	0
Pesticides Methiocarb	P056	0.1 µg/l	471	0	< 0.002	< 0.002	0
Pesticides Metribuzin	P152	0.1 µg/l	473	0	< 0.003	< 0.003	0
Pesticides Monuron	P113	0.1 µg/l	877	0	< 0.004	< 0.004	0
Pesticides Oxadixyl	P154	0.1 µg/l	473	0	< 0.002	0.04552	0
Pesticides Parathion (Parathion ethyl)	P059	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides PCB Congener 101	P195	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides PCB Congener 118	P196	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides PCB Congener 138	P197	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides PCB Congener 153	P198	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides PCB Congener 180	P199	0.1 µg/l	636	0	< 0.002	< 0.002	0
Pesticides PCB Congener 28	P201	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides PCB Congener 52	P202	0.1 µg/l	636	0	< 0.002	< 0.002	0
Pesticides Pendimethalin	P118	0.1 µg/l	877	0	< 0.005	< 0.005	0
Pesticides Pirimicarb	P064	0.1 µg/l	877	0	< 0.003	< 0.003	0
Pesticides Pirimiphos Methyl	P072	0.1 µg/l	877	0	< 0.009	< 0.009	0
Pesticides Propachlor	P126	0.1 µg/l	877	0	< 0.005	< 0.005	0
Pesticides Propetamphos	P069	0.1 µg/l	877	0	< 0.007	< 0.007	0

Table SVT 6: Quality of water leaving bulk supply points - European Standards (cont.)

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
Pesticides Propiconazole	P068	0.1 µg/l	877	0	< 0.01	< 0.01	0
Pesticides Propyzamide	P071	0.1 µg/l	877	0	< 0.004	0.006	0
Pesticides Quinmerac	P244	0.1 µg/l	473	0	< 0.005	0.02078	0
Pesticides Simazine	P073	0.1 µg/l	877	0	< 0.007	< 0.007	0
Pesticides Terbutryn	P077	0.1 µg/l	877	0	< 0.003	< 0.003	0
Pesticides Triadimefon	P078	0.1 µg/l	877	0	< 0.009	< 0.009	0
Pesticides Tri-allate	P079	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides Triazophos	P080	0.1 µg/l	877	0	< 0.003	< 0.003	0
Pesticides Trichlopyr	P131	0.1 µg/l	847	0	< 0.003	< 0.003	0
Pesticides Trichlorobenzene	P172	0.1 µg/l	636	0	< 0.001	< 0.001	0
Pesticides Trietazine	P132	0.1 µg/l	877	0	< 0.006	< 0.006	0
Totals:			71,964	2			

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 (Indicator)	D002A	250 mg Cl/l	1,034	0	9.195	161.356
Gross Alpha Activity	F004	0.1 Bq/l	1,032	167	< 0.014	0.38769
Gross Beta Activity	F005	1 Bq/l	1,034	0	< 0.012	0.205
Sulphate (Indicator)	A007	250 mg SO ₄ /l	1,034	0	5.566	136.092
Total organic carbon (indicator)	A017	No abnormal change	1,033	-n/a	< 0.4	3.466
Tritium (Indicator)	F006	100 Bq/l	67	0	< 3	< 5
Totals:			5,234	167		

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	F001	3 µg/l	130	0	< 0.1	< 0.1	0
Antimony	B008A	5 µg Sb/l	1,430	0	< 0.06	0.7469	0
Arsenic	B001A	10 µg As/l	1,430	0	< 0.09	6.8752	0
Benzene	F002	1 µg/l	130	0	< 0.05	< 0.05	0
Benzo (a) Pyrene	D007	0.01 µg/l	1,431	0	< 0.001	< 0.001	0
Boron	D005A	1 mg B/l	130	0	< 0.012	0.08838	0
Bromate	F003	10 µg BrO3/l	1,430	0	< 0.25	2.7476	0
Cadmium	B002	5 µg Cd/l	1,430	0	< 0.04	0.5269	0
Chromium	B004	50 µg Cr/l	1,430	0	< 0.7	< 0.7	0
Copper	A024A	2 mg Cu/l	1,430	0	< 0.0027	0.479014	0
Cyanide	B003	50 µg CN/l	130	0	< 2	< 2.276	0
E coli	C002	0 number/100 ml	19,309	2	0	0	2
Enterococci	C003	0 number/100 ml	1,429	1	0	0	1
Fluoride	A027	1.5 mg F/l	1,430	0	0.04	1.01	0
Lead (>10 µg/l)	B007B	10 µg Pb/l	1,430	9	< 0.5	9.107	9
Mercury	B005	1 µg Hg/l	130	0	< 0.022	0.03638	0
Nickel	B006A	20 µg Ni/l	1,430	1	< 0.9	7.752	1
Nitrate	A012	50 mg NO3/l	1,738	0	1.8656	41.5071	0
Nitrate/Nitrite Formula	A013C	1 mg NO2/l	1,738	0	0.04	0.83	0
Nitrite (Consumers tap)	A013A	0.5 mg NO2/l	1,738	0	< 0.004	0.09383	0
Pesticides - Total Substances	B010	0.5 µg/l	130	0	0	0.16569	0
Pesticides 2,3,6-Tba	P074	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides 2,4,5-T	P076	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides 2,4,-Db	P082	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides 2,4-D	P020	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides Aldrin	P002	0.03 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Ametryn	P222	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Asulam	P133	0.1 µg/l	114	0	< 0.005	0.01155	0
Pesticides Atrazine	P004	0.1 µg/l	130	0	< 0.003	0.01269	0
Pesticides Benazolin	P138	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides Bentazone	P006	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides Boscalid	P231	0.1 µg/l	114	0	< 0.003	0.008	0
Pesticides Bromoxynil	P008	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Carbenazim	P150	0.1 µg/l	130	0	< 0.002	< 0.00338	0
Pesticides Carbetamide	P010	0.1 µg/l	130	0	< 0.006	0.011	0
Pesticides Carbophenothion	P011	0.1 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Chlorfenvinphos	P013	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Chloridazon	P162	0.1 µg/l	114	0	< 0.002	0.00485	0
Pesticides Chlormequat	P163	0.1 µg/l	106	0	< 0.002	0.02265	0
Pesticides Chlorothalonil	P015	0.1 µg/l	130	0	< 0.001	< 0.001	0

Table SVT 9: Quality of water at consumer's tap (zones) - European Standards (cont.)

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
Pesticides Chlorpyrifos	P017	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides Chlorpyrifos Methyl	P019	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides Chlortoluron	P014	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides Clopyralid	P018	0.1 µg/l	130	0	< 0.004	0.03183	0
Pesticides Cyanazine	P092	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Cypermethrin	P094	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides Cyproconazole	P207	0.1 µg/l	114	0	< 0.004	0.004	0
Pesticides Delta-HCH	P022	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides Deltamethrin	P095	0.1 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Diazinon	P024	0.1 µg/l	130	0	< 0.006	< 0.006	0
Pesticides Dicamba	P025	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides Dichlorvos	P027	0.1 µg/l	130	0	< 0.008	< 0.008	0
Pesticides Dieldrin	P028	0.03 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Diflufenican	P157	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Dimethoate	P029	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Diuron	P032	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Epoxyconazole	P217	0.1 µg/l	114	0	< 0.003	0.0057	0
Pesticides Ethofumersate	P221	0.1 µg/l	130	0	< 0.006	< 0.006	0
Pesticides Fenoprop	P105	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides Fenpropidin	P168	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides Fenpropimorph	P037	0.1 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Fluroxypyr	P040	0.1 µg/l	130	0	< 0.006	< 0.006	0
Pesticides Flusilazole	P159	0.1 µg/l	114	0	< 0.002	0.0084	0
Pesticides Flutriafol	P039	0.1 µg/l	130	0	< 0.007	< 0.007	0
Pesticides Glyphosate	P042	0.1 µg/l	114	0	< 0.002	< 0.011	0
Pesticides Heptachlor	P043	0.03 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Heptachlor epoxide	P044	0.03 µg/l	130	0	0	0	0
Pesticides Heptenophos	P176	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Ioxynil	P049	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Isoproturon	P048	0.1 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Isoxaben	P166	0.1 µg/l	114	0	< 0.001	0.00585	0
Pesticides Kresoxym-Methyl	P218	0.1 µg/l	114	0	< 0.003	0.0132	0
Pesticides Linuron	P051	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Malathion	P052	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides MCPA	P054	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides MCPB	P055	0.1 µg/l	130	0	< 0.004	< 0.004	0
Pesticides MCPP(Mecoprop)	P053	0.1 µg/l	130	0	< 0.006	< 0.006	0
Pesticides Metalaxyl	P209	0.1 µg/l	114	0	< 0.003	0.00585	0
Pesticides Metaldehyde	P226	0.1 µg/l	130	1	< 0.001	0.10214	1
Pesticides Metamitron	P194	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Metazachlor	P203	0.1 µg/l	130	0	< 0.003	0.01707	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Methiocarb	P056	0.1 µg/l	114	0	< 0.002	0.004	0
Pesticides Metribuzin	P152	0.1 µg/l	114	0	< 0.003	0.00555	0
Pesticides Monuron	P113	0.1 µg/l	130	0	< 0.004	< 0.004	0

Table SVT 9: Quality of water at consumer's tap (zones) - European Standards (cont.)

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
Pesticides Oxadixyl	P154	0.1 µg/l	114	0	< 0.002	0.0275	0
Pesticides Parathion (Parathion ethyl)	P059	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides PCB Congener 101	P195	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides PCB Congener 118	P196	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides PCB Congener 138	P197	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides PCB Congener 153	P198	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides PCB Congener 180	P199	0.1 µg/l	130	0	< 0.002	< 0.002	0
Pesticides PCB Congener 28	P201	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides PCB Congener 52	P202	0.1 µg/l	130	0	< 0.002	< 0.002	0
Pesticides Pendimethalin	P118	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Pirimicarb	P064	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Pirimiphos Methyl	P072	0.1 µg/l	130	0	< 0.009	< 0.009	0
Pesticides Propachlor	P126	0.1 µg/l	130	0	< 0.005	< 0.005	0
Pesticides Propetamphos	P069	0.1 µg/l	130	0	< 0.007	< 0.007	0
Pesticides Propiconazole	P068	0.1 µg/l	130	0	< 0.01	< 0.02242	0
Pesticides Propyzamide	P071	0.1 µg/l	130	0	< 0.004	0.01876	0
Pesticides Quinmerac	P244	0.1 µg/l	114	0	< 0.005	0.01955	0
Pesticides Simazine	P073	0.1 µg/l	130	0	< 0.007	< 0.007	0
Pesticides Terbutryn	P077	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Triadimefon	P078	0.1 µg/l	130	0	< 0.009	< 0.009	0
Pesticides Tri-allate	P079	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides Triazophos	P080	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Trichlopyr	P131	0.1 µg/l	130	0	< 0.003	< 0.003	0
Pesticides Trichlorobenzene	P172	0.1 µg/l	130	0	< 0.001	< 0.001	0
Pesticides Trietazine	P132	0.1 µg/l	130	0	< 0.006	< 0.006	0
Polycyclic aromatic hydrocarbons	B011F	0.1 µg/l	1,431	0	0	0	0
Selenium	B009	10 µg Se/l	1,430	0	< 0.2	2.6	0
Tetrachloroethene/Trichloroethene - sum of two substances	D009B	10 µg/l	1,430	0	0	0.4638	0
Total Trihalomethanes	D011	100 µg/l	1,430	0	0	67.6228	0
Totals:			58,076	14			

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	A021	200 µg Al/l	3,957	1	< 5	32.42	1
Colour	A001	20 mg/l Pt/Co scale	6,740	0	< 0.52	2.37	0
Iron	A022	200 µg Fe/l	5,730	15	< 10	90	14
Manganese	A023	50 µg Mn/l	4,159	3	< 0.4	10.36	3
Organoleptic Odour	A003	0 Dilution number	4,939	14	0	0	14
Organoleptic Taste	A004	0 Dilution number	4,938	13	0	0	10
Sodium	A009	200 mg Na/l	1,430	0	5.831	109.79	0
Tetrachloromethane	D008	3 µg/l	1,430	0	< 0.08	< 0.08	0
Turbidity	A002	4 nephelometric turbidity units	6,763	1	< 0.06	0.32	1
Totals:			40,086	47			

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 (Indicator)	A014	0.5 mg NH ₄ /l	3,682	0	< 0.012	0.14368
Chloride (Indicator)	D002A	250 mg Cl/l	130	0	8.6607	122.862
Clostridium Perfringens (Indicator)	C004A	0 number/100 ml	3,257	2	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	19,309	46	0	0
Colony Counts After 3 Days At 22°C (Indicator)	C007	No abnormal change	6,858	-n/a	0	54
Colony Counts After 48 Hours At 37°C (Indicator)	C013	No abnormal change	6,858	-n/a	0	42
Conductivity (Indicator)	D001	2500 µS/cm	3,974	0	110	834.5
Gross Alpha Activity	F004	0.1 Bq/l	130	18	< 0.014	0.19521
Gross Beta Activity	F005	1 Bq/l	130	0	< 0.012	0.23038
Hydrogen ion (pH)	A006	6.5 - 9.5 pH Value	4,953	0	6.8	8.4046
Residual Disinfectant - Free	C009	No abnormal change	19,315	-n/a	0.03	0.58
Residual Disinfectant - Total	C010	No abnormal change	19,315	-n/a	0.08	0.6984
Combined Chlorine/Residual Disinfectant Combined*	-(n/a)	-(n/a)	(19,315)	-n/a	0	0.27
Sulphate (Indicator)	A007	250 mg SO ₄ /l	130	0	5.9409	129.65
Total organic carbon (indicator)	A017	No abnormal change	130	-n/a	< 0.4	3.469
Tritium (Indicator)	F006	100 Bq/l	98	0	< 3	< 5
Totals:			88,269	66		

*Residual disinfectant combined is presented for information. It is not a parameter required by the regulations. It is derived from the parameters 'Residual Disinfectant - Total' minus 'Residual Disinfectant - Free'.