

Viewing Site Summary Data for SES Water

Report Date Range: For the whole year 2020

Table SES 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	2,088	0	< 0.01	< 0.01	0
<b>Totals:</b>			<b>2,088</b>	<b>0</b>			

Table SES 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	2,088	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	2,088	0	0	0	0
<b>Totals:</b>			<b>4,176</b>	<b>0</b>			

Table SES 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	2,088	-n/a	0	2
Residual Disinfectant - Total	C010	No abnormal change	2,088	-n/a	0.23	1.11
Turbidity - Indicator	A002A	1 NTU	2,088	0	< 0.06	0.22
<b>Totals:</b>			<b>6,264</b>	<b>0</b>		

**Table SES 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	1,852	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	1,852	0	0	0	0
<b>Totals:</b>			<b>3,704</b>	<b>0</b>			

**Table SES 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	1,852	-n/a	0	939
Residual Disinfectant - Total	C010	No abnormal change	1,852	-n/a <	0.04	0.7847
<b>Totals:</b>			<b>3,704</b>	<b>0</b>		

Table SES 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
Bromate	F003	10 µg BrO <sub>3</sub> /l	54	0	< 0.8	< 0.8	0
Cyanide (Total)	B003	50 µg CN/l	54	0	< 2	3.3	0
Fluoride (Total)	A027	1.5 mg F/l	54	0	< 0.07	0.21	0
Mercury (Total)	B005	1 µg Hg/l	54	0	< 0.04	< 0.04	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	54	0	0	0.116	0
Pesticides 2 4-D	P020	0.1 µg/l	8	0	< 0.003	< 0.003	0
Pesticides Aldrin	P002	0.03 µg/l	54	0	< 0.007	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	54	0	< 0.004	0.035	0
Pesticides Azoxystrobin	P227	0.1 µg/l	54	0	< 0.014	< 0.014	0
Pesticides Boscalid	P231	0.1 µg/l	54	0	< 0.01	< 0.01	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	54	0	< 0.004	< 0.004	0
Pesticides Carbetamide	P010	0.1 µg/l	54	0	< 0.004	0.02	0
Pesticides Chlortoluron	P014	0.1 µg/l	54	0	< 0.003	< 0.003	0
Pesticides Clopyralid	P018	0.1 µg/l	8	0	0.014	0.021	0
Pesticides Dieldrin	P028	0.03 µg/l	54	0	< 0.007	< 0.007	0
Pesticides Diflufenican	P157	0.1 µg/l	54	0	< 0.005	< 0.005	0
Pesticides Dimethenamid	P245	0.1 µg/l	54	0	< 0.005	< 0.005	0
Pesticides Diuron	P032	0.1 µg/l	54	0	< 0.006	< 0.006	0
Pesticides Epoxyconazole	P217	0.1 µg/l	54	0	< 0.007	< 0.007	0
Pesticides Flufenacet	P230	0.1 µg/l	54	0	< 0.006	0.009	0
Pesticides Fluroxypyr	P040	0.1 µg/l	8	0	< 0.003	< 0.003	0
Pesticides Flutriafol	P039	0.1 µg/l	54	0	< 0.003	< 0.004	0
Pesticides Glyphosate	P042	0.1 µg/l	9	0	< 0.005	< 0.005	0
Pesticides Heptachlor Epoxide)	P044	0.03 µg/l	54	0	< 0.005	< 0.005	0
Pesticides Isoproturon	P048	0.1 µg/l	54	0	< 0.005	< 0.005	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	8	0	< 0.004	< 0.004	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	8	0	< 0.002	< 0.002	0
Pesticides Metaldehyde	P226	0.1 µg/l	22	0	< 0.01	0.034	0
Pesticides Metazachlor	P203	0.1 µg/l	54	0	< 0.002	0.004	0
Pesticides Methabenzthiazuron	P167	0.1 µg/l	54	0	< 0.002	< 0.002	0
Pesticides Pendimethalin	P118	0.1 µg/l	54	0	< 0.009	< 0.009	0
Pesticides Picloram (Total)	P122	0.1 µg/l	46	0	< 0.004	0.011	0
Pesticides Propyzamide	P071	0.1 µg/l	54	0	< 0.001	0.023	0
Pesticides Prosulfocarb	P243	0.1 µg/l	54	0	< 0.001	< 0.001	0
Pesticides Quinmerac	P244	0.1 µg/l	8	0	< 0.02	0.035	0
Pesticides Simazine	P073	0.1 µg/l	54	0	< 0.007	0.014	0
Pesticides Tebuconazole	P177	0.1 µg/l	54	0	< 0.002	< 0.004	0
Pesticides Tri-allate	P079	0.1 µg/l	54	0	< 0.01	< 0.01	0
Pesticides Triclopyr	P131	0.1 µg/l	8	0	< 0.003	< 0.003	0
<b>Totals:</b>			<b>1,753</b>	<b>0</b>			

**Table SES 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	54	0	21.9	48.4
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	54	0	0	0
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	732	0	331.33	590.68
Gross Alpha	F004	0.1 Bq/l	8	0	0.02	0.09
Gross Beta	F005	1 Bq/l	8	0	< 0.28	< 0.28
Sulphate	A007	250 mg SO <sub>4</sub> /l	54	0	14.8	87
Total Organic Carbon	A017	No abnormal change	54	-n/a	0.34	4.59
<b>Totals:</b>			<b>964</b>	<b>0</b>		

Table SES 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	228	0	< 0.08	< 0.12	0
Antimony	B008A	5 µg Sb/l	266	0	< 0.09	0.3833	0
Arsenic (Total)	B001A	10 µg As/l	266	0	< 0.15	0.64	0
Benzene (Total)	F002	1 µg/l	228	0	< 0.01	< 0.02	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	160	1	< 0.001	0.01124	1
Boron	D005A	1 mg B/l	266	0	< 0.04	0.06833	0
Cadmium (Total)	B002	5 µg Cd/l	266	0	< 0.06	0.21	0
Chromium (Total)	B004	50 µg Cr/l	266	0	< 0.8	2.099	0
Copper (Total)	A024A	2 mg Cu/l	160	0	< 0.03	0.47617	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	2,105	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	239	0	0	0	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	161	2	< 0.3	12.642	2
Nickel (Total)	B006A	20 µg Ni/l	160	2	< 0.522	34.243	2
Nitrate (Total)	A012	50 mg NO <sub>3</sub> /l	1,498	0	4.497	39.9	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO <sub>2</sub> /l	1,100	0	< 0.01	0.28796	0
Nitrite/Nitrate formula	A013C	1 mg/l	1,498	0	0.1	0.8	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	160	0	0	0.02733	0
Selenium (Total)	B009	10 µg Se/l	266	0	< 0.27	1.32	0
by Calculation	D009B	10 µg/l	228	0	0	2.8536	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	228	0	0	56.627	0
<b>Totals:</b>			<b>9,749</b>	<b>5</b>			

Table SES 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	713	1	< 5	26	1
Colour	A001	20 mg/l Pt/Co	1,012	0	< 1.6	3.7	0
Iron (Total)	A022	200 µg Fe/l	881	1	< 6	36.18	1
Manganese (Total)	A023	50 µg Mn/l	712	0	< 0.9	5.1	0
Odour	A003	0 Dilution number at 25°C	485	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	263	0	12	25	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	485	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	228	0	< 0.11	< 0.11	0
Turbidity	A002	4 NTU	784	0	< 0.06	0.38	0
<b>Totals:</b>			<b>5,563</b>	<b>2</b>			

Table SES 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 <sub>4</sub> /l	1,020	0	< 0.02	0.24
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	2,105	0	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	780	-n/a	0	1314
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	990	0	7.2	7.9
Residual Disinfectant - Total	C010	No abnormal change	2,105	-n/a	0.04	1.0794
<b>Totals:</b>			<b>7,000</b>	<b>0</b>		