

Viewing Site Summary Data for Thames Water Utilities Ltd

Report Date Range: For the whole year 2020

Table TMS 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	4,180	0	< 0.0018	0.008257	0
Totals:			4,180	0			

Table TMS 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	17,167	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	17,167	6	0	0	6
Totals:			34,334	6			

Table TMS 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	17,159	-n/a	0	12
Residual Disinfectant - Total	C010	No abnormal change	17,187	-n/a	0.3	0.94
Turbidity - Indicator	A002A	1 NTU	17,183	2	< 0.17	< 0.17
Totals:			51,529	2		

Table TMS 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	19,185	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	19,185	13	0	0	0
Totals:			38,370	13			

Table TMS 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	19,184	-n/a	0	27
Residual Disinfectant - Total	C010	No abnormal change	19,255	-n/a	0.13	0.75
Totals:			38,439	0		

Table TMS 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 ₃ /l	697	0	< 0.8	2.002	0
Cyanide (Total)	B003	50 µg CN/l	695	0	< 1	4.212	0
Mercury (Total)	B005	1 µg Hg/l	694	0	< 0.07	< 0.07	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	707	0	0	0.08184	0
Pesticides 2 4-D	P020	0.1 µg/l	697	0	< 0.017	< 0.017	0
Pesticides 2 4-DB	P082	0.1 µg/l	697	0	< 0.016	< 0.016	0
Pesticides Atrazine	P004	0.1 µg/l	698	0	< 0.006	0.03702	0
Pesticides Bentazone	P006	0.1 µg/l	697	0	< 0.012	< 0.012	0
Pesticides Bromoxynil	P008	0.1 µg/l	697	0	< 0.019	< 0.019	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	698	0	< 0.012	< 0.02	0
Pesticides Carbetamide	P010	0.1 µg/l	698	0	< 0.005	< 0.005	0
Pesticides Chlortoluron	P014	0.1 µg/l	698	0	< 0.004	< 0.004	0
Pesticides Clopyralid	P018	0.1 µg/l	697	0	< 0.022	< 0.022	0
Pesticides Dicamba	P025	0.1 µg/l	697	0	< 0.022	< 0.022	0
Pesticides Dichlorprop	P026	0.1 µg/l	697	0	< 0.012	< 0.012	0
Pesticides Diuron	P032	0.1 µg/l	698	0	< 0.005	0.024	0
Pesticides Flufenacet	P230	0.1 µg/l	195	0	< 0.003	0.00508	0
Pesticides Fluroxypyr	P040	0.1 µg/l	697	0	< 0.015	< 0.015	0
Pesticides Isoproturon	P048	0.1 µg/l	698	0	< 0.004	< 0.004	0
Pesticides Linuron	P051	0.1 µg/l	698	0	< 0.006	< 0.006	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	697	0	< 0.02	< 0.02	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	697	0	< 0.014	< 0.014	0
Pesticides Metaldehyde	P226	0.1 µg/l	699	0	< 0.014	< 0.028	0
Pesticides Metazachlor	P203	0.1 µg/l	203	0	< 0.003	< 0.005	0
Pesticides Monuron	P113	0.1 µg/l	698	0	< 0.006	0.00601	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	697	0	< 0.008	< 0.008	0
Pesticides Picloram (Total)	P122	0.1 µg/l	697	0	< 0.021	< 0.021	0
Pesticides Propyzamide	P071	0.1 µg/l	698	0	< 0.005	0.007	0
Pesticides Quinmerac	P244	0.1 µg/l	203	0	< 0.004	< 0.005	0
Pesticides Simazine	P073	0.1 µg/l	698	0	< 0.009	0.02101	0
Pesticides Triclopyr	P131	0.1 µg/l	697	0	< 0.016	< 0.016	0
Radon	F031	100 Bq/l	8	0	< 0.5	2	0
Totals:			20,142	0			

Table TMS 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)
(Confirmed)	C004A	0 number/100 ml	697	0	0	0
Gross Alpha	F004	0.1 Bq/l	171	0 <	0.05	0.09
Gross Beta	F005	1 Bq/l	172	0 <	0.05	0.3262
Total Organic Carbon	A017	No abnormal change	697	-n/a <	0.6	3.4
Tritium	F006	100 Bq/l	37	0 <	5.6	5.9
Totals:			1,774	0		

Table TMS 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	3,723	0	< 0.1	< 0.1	0
Antimony	B008A	5 µg Sb/l	2,251	0	< 0.3	0.5	0
Arsenic (Total)	B001A	10 µg As/l	2,251	0	< 0.3	1.4	0
Benzene (Total)	F002	1 µg/l	3,723	0	< 0.1	< 0.1	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	2,244	0	< 0.002	< 0.002	0
Boron	D005A	1 mg B/l	2,240	0	0.014	0.087	0
Bromate	F003	10 µg BrO ₃ /l	70	0	< 0.8	2.2	0
Cadmium (Total)	B002	5 µg Cd/l	2,251	0	< 0.2	< 0.2	0
Chromium (Total)	B004	50 µg Cr/l	2,240	0	< 2	< 2	0
Copper (Total)	A024A	2 mg Cu/l	1,905	1	0.038	0.45892	1
Cyanide (Total)	B003	50 µg CN/l	5	0	< 1	< 1	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	17,802	1	0	0	1
Enterococci (Confirmed)	C003	0 number/100 ml	2,272	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	2,235	0	0.07136	0.4582	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	1,906	7	< 0.4	6.593	7
Mercury (Total)	B005	1 µg Hg/l	5	0	< 0.07	< 0.07	0
Nickel (Total)	B006A	20 µg Ni/l	1,889	6	< 1.3	8.91	6
Nitrate (Total)	A012	50 mg NO ₃ /l	24,541	0	3.24	38.6058	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	24,541	0	0	0.2722	0
Nitrite/Nitrate formula	A013C	1 mg/l	24,541	0	0.07	0.78	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	7	0	0	0.06	0
Pesticides 2,4-D	P020	0.1 µg/l	7	0	< 0.017	< 0.017	0
Pesticides 2,4-DB	P082	0.1 µg/l	7	0	< 0.016	< 0.016	0
Pesticides 2,4,5-T	P076	0.1 µg/l	2	0	< 0.013	< 0.013	0
Pesticides Aldrin	P002	0.03 µg/l	4	0	< 0.007	< 0.007	0
Pesticides Ametryn	P222	0.1 µg/l	2	0	< 0.004	< 0.004	0
Pesticides Atrazine	P004	0.1 µg/l	6	0	< 0.006	< 0.006	0
Pesticides Bentazone	P006	0.1 µg/l	7	0	< 0.012	< 0.012	0
Pesticides Bromoxynil	P008	0.1 µg/l	7	0	< 0.019	< 0.019	0
Pesticides Carbendazim (Total)	P150	0.1 µg/l	6	0	< 0.012	< 0.012	0
Pesticides Carbetamide	P010	0.1 µg/l	6	0	< 0.005	< 0.005	0
Pesticides Chlortoluron	P014	0.1 µg/l	6	0	< 0.004	< 0.004	0
Pesticides Clopyralid	P018	0.1 µg/l	7	0	< 0.022	0.027	0
Pesticides Dicamba	P025	0.1 µg/l	7	0	< 0.022	< 0.022	0
Pesticides Dichlorprop	P026	0.1 µg/l	7	0	< 0.012	< 0.012	0

Pesticides Dieldrin	P028	0.03 µg/l	4	0	< 0.007	< 0.007	0
Pesticides Diuron	P032	0.1 µg/l	6	0	< 0.005	< 0.005	0
Pesticides Fenoprop	P105	0.1 µg/l	2	0	< 0.009	< 0.009	0
Pesticides Flufenacet	P230	0.1 µg/l	6	0	< 0.003	< 0.003	0
Pesticides Fluroxypyr	P040	0.1 µg/l	7	0	< 0.015	< 0.015	0
Pesticides Heptachlor	P043	0.03 µg/l	4	0	< 0.008	< 0.008	0
(Heptachlor Epoxide)	P044	0.03 µg/l	4	0	< 0.005	< 0.012	0
Pesticides Ioxynil	P049	0.1 µg/l	2	0	< 0.016	< 0.016	0
Pesticides Isoproturon	P048	0.1 µg/l	6	0	< 0.004	< 0.004	0
Pesticides Linuron	P051	0.1 µg/l	6	0	< 0.006	< 0.006	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	7	0	< 0.02	< 0.02	0
Pesticides MCPB	P055	0.1 µg/l	2	0	< 0.009	< 0.009	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	7	0	< 0.014	< 0.014	0
Pesticides Metaldehyde	P226	0.1 µg/l	5	0	< 0.014	0.046	0
Pesticides Metazachlor	P203	0.1 µg/l	5	0	< 0.003	0.004	0
Pesticides Monuron	P113	0.1 µg/l	6	0	< 0.006	< 0.006	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	7	0	< 0.008	< 0.008	0
Pesticides Picloram (Total)	P122	0.1 µg/l	7	0	< 0.021	< 0.021	0
Pesticides Prometryne	P070	0.1 µg/l	2	0	< 0.005	< 0.005	0
Pesticides Propazine	P066	0.1 µg/l	2	0	< 0.004	< 0.004	0
Pesticides Propyzamide	P071	0.1 µg/l	6	0	< 0.005	0.009	0
Pesticides Quinmerac	P244	0.1 µg/l	6	0	< 0.004	0.006	0
Pesticides Simazine	P073	0.1 µg/l	6	0	< 0.009	< 0.009	0
Pesticides Tebuthiuron	P189	0.1 µg/l	2	0	< 0.002	< 0.002	0
Pesticides Terbutryn	P077	0.1 µg/l	2	0	< 0.003	< 0.003	0
Pesticides Triclopyr	P131	0.1 µg/l	7	0	< 0.016	< 0.016	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	2,211	0	0	0.002	0
Selenium (Total)	B009	10 µg Se/l	2,251	0	< 1.5	2.6	0
(Total by Calculation)	D009B	10 µg/l	3,723	0	0	1.276	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	3,713	0	1.1	34.8	0
Totals:			134,747	15			

Table TMS 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	5,854	0	< 10.5	24.7	0
Colour	A001	20 mg/l Pt/Co	25,407	0	< 1.9	3.2	0
Iron (Total)	A022	200 µg Fe/l	6,016	3	< 3	52.898	3

Manganese (Total)	A023	50 µg Mn/l	5,854	1	< 0.4	3.145	1
Odour	A003	0 Dilution number at 25°C	5,628	0	0	0	0
Sodium (Total)	A009	200 mg Na/l	2,240	0	6.3	45.1	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	5,626	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	3,714	0	< 0.1	0.2	0
Turbidity	A002	4 NTU	25,438	1	< 0.17	< 0.17	1
Totals:			85,777	5			

Table TMS 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	24,525	0	< 0.06	0.21
Chloride	D002A	250 mg Cl/l	2,596	0	12.8861	63.8542
(Confirmed)	C004A	0 number/100 ml	5	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	17,802	22	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	9,119	-n/a	0	43
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	25,429	0	327	678
Gross Alpha	F004	0.1 Bq/l	5	0	< 0.05	0.05
Gross Beta	F005	1 Bq/l	5	0	0.07	0.28
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	25,410	0	7.1	8
Residual Disinfectant - Total	C010	No abnormal change	17,877	-n/a	0.14	0.86
Sulphate	A007	250 mg SO ₄ /l	2,597	0	9.4292	80.5318
Total Organic Carbon	A017	No abnormal change	5	-n/a	< 0.6	3.7
Totals:			125,375	22		