

Viewing Site Summary Data for United Utilities Water Plc

Report Date Range: For the whole year 2020

Table UUT 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	705	0 <	0.0065	< 0.0115	0
Totals:			705	0			

Table UUT 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	16,177	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	16,177	1	0	0	1
Totals:			32,354	1			

Table UUT 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 22øc (Colony Counts)	C007	No abnormal change	16,181	-n/a	0	1
Residual Disinfectant - Free	C009	No abnormal change	16,210	-n/a	0.41	1.52
Residual Disinfectant - Total	C010	No abnormal change	16,173	-n/a	0.4674	1.59
Turbidity - Indicator	A002A	1 NTU	16,165	1 <	0.16	0.24
Totals:			64,729	1		

Table UUT 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	18,076	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	18,076	6	0	0	0
Totals:			36,152	6			

Table UUT 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	18,073	-n/a	0	8
Residual Disinfectant - Free	C009	No abnormal change	18,101	-n/a	0.19	1.24
Residual Disinfectant - Total	C010	No abnormal change	18,067	-n/a	0.26	1.29
Totals:			54,241	0		

Table UUT 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	701	0 <	0.459	< 0.459	0
Benzene (Total)	F002	1 µg/l	701	0 <	0.157	< 0.157	0
Boron	D005A	1 mg B/l	696	0 <	0.0082	0.0658	0
Cyanide (Total)	B003	50 µg CN/l	691	0 <	2.33	< 3.91	0
Fluoride (Fluoridated)	A027A	1.2 mg F/l	25	0	0.95	1.06	0
Fluoride (Total)	A027	1.5 mg F/l	709	0 <	0.01	1.019	0
Mercury (Total)	B005	1 µg Hg/l	695	0 <	0.04	0.06812	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	737	0	0	0.021554	0
Pesticides 2,4-D	P020	0.1 µg/l	139	0 <	0.01	< 0.013	0
Pesticides Asulam	P133	0.1 µg/l	42	0 <	0.0047	< 0.0056	0
Pesticides Atrazine	P004	0.1 µg/l	6	0 <	0.009	< 0.012	0
Pesticides Carbetamide	P010	0.1 µg/l	58	0 <	0.01	0.026	0
Pesticides Chlortoluron	P014	0.1 µg/l	40	0 <	0.007	< 0.01	0
Pesticides Clopyralid	P018	0.1 µg/l	197	0 <	0.008	0.01202	0
Pesticides Diazinon	P024	0.1 µg/l	96	0 <	0.008	< 0.08	0
Pesticides Dicamba	P025	0.1 µg/l	33	0 <	0.013	< 0.019	0
Pesticides Dichlorprop	P026	0.1 µg/l	40	0 <	0.007	< 0.013	0
Pesticides Diuron	P032	0.1 µg/l	39	0 <	0.008	< 0.01	0
Pesticides Fluroxypyr	P040	0.1 µg/l	115	0 <	0.008	< 0.016	0
Pesticides Glyphosate	P042	0.1 µg/l	239	0 <	0.0079	0.02836	0
Pesticides Epoxide)	P044	0.03 µg/l	23	0 <	0.0039	< 0.0039	0
Pesticides Isoproturon	P048	0.1 µg/l	39	0 <	0.008	< 0.01	0
Pesticides Linuron	P051	0.1 µg/l	48	0 <	0.01	< 0.012	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	203	0 <	0.011	0.02392	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	117	0 <	0.01	< 0.01	0
Pesticides Metaldehyde	P226	0.1 µg/l	68	0 <	0.0045	0.01	0
Pesticides Metazachlor	P203	0.1 µg/l	48	0 <	0.008	< 0.011	0
Pesticides Pentachlorophenol	P060	0.1 µg/l	17	0 <	0.01	< 0.021	0
Pesticides Propyzamide	P071	0.1 µg/l	32	0 <	0.01	< 0.011	0
Pesticides Triclopyr	P131	0.1 µg/l	140	0 <	0.008	< 0.02	0
Radon	F031	100 Bq/l	29	0 <	1.1	19	0
Totals:			6,763	0			

Table UUT 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	697	0	4.7798	108.08
Gross Alpha	F004	0.1 Bq/l	30	0 <	0.01	0.04

Gross Beta	F005	1 Bq/l	30	0	<	0.02		0.1
Sulphate	A007	250 mg SO4/l	690	0	<	1.83		127
Total Organic Carbon	A017	No abnormal change	693	-n/a	<	0.67		2.56
Tritium	F006	100 Bq/l	31	0	<	10	<	10
Totals:			2,171	0				

Table UUT 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	1,949	0	< 0.31	< 0.44	0
Arsenic (Total)	B001A	10 µg As/l	1,949	0	< 0.09	< 4.26	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	1,924	0	< 0.0013	< 0.002	0
Boron	D005A	1 mg B/l	2	0	0.0095	0.024	0
Bromate	F003	10 µg BrO3/l	1,887	0	< 0.12	2.3024	0
Cadmium (Total)	B002	5 µg Cd/l	1,949	0	< 0.09	< 0.1	0
Chromium (Total)	B004	50 µg Cr/l	1,949	0	< 0.16	< 0.83	0
Copper (Total)	A024A	2 mg Cu/l	1,974	0	< 0.0031	0.176	0
Cyanide (Total)	B003	50 µg CN/l	2	0	< 2.33	< 3.91	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	20,302	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	1,900	0	0	0	0
Fluoride (Fluoridated)	A027A	1.2 mg F/l	39	13	< 0.01	1.05	3
Fluoride (Total)	A027	1.5 mg F/l	41	0	< 0.01	1.05	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	1,974	5	< 0.55	3.96	5
Mercury (Total)	B005	1 µg Hg/l	2	0	< 0.05	< 0.05	0
Nickel (Total)	B006A	20 µg Ni/l	1,971	2	< 0.77	6.3516	2
Nitrate (Total)	A012	50 mg NO3/l	1,923	0	< 1.77	31.4	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO2/l	1,923	0	< 0.0065	< 0.0115	0
Nitrite/Nitrate formula	A013C	1 mg/l	1,923	0	0	0.62476	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	2	0	0	0	0
Pesticides Glyphosate	P042	0.1 µg/l	1	0	< 0.0079	< 0.0079	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	1	0	< 0.011	< 0.011	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	1,947	0	0	0	0
Radon	F031	100 Bq/l	1	0	< 1.63	< 1.63	0
Selenium (Total)	B009	10 µg Se/l	1,949	0	< 0.2	< 0.99	0
by Calculation)	D009B	10 µg/l	1,927	0	0	0.2828	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	1,927	0	0	60.744	0
Totals:			53,338	20			

Table UUT 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	7,590	4	3.3664	38.918	4
Colour	A001	20 mg/l Pt/Co	7,669	0	< 1.21	< 2.16	0
Iron (Total)	A022	200 µg Fe/l	7,590	16	3	75.309	14
Manganese (Total)	A023	50 µg Mn/l	7,589	7	< 0.37	7.654	6
Odour	A003	0 Dilution number at 25°C	7,808	21	0	0	19
Sodium (Total)	A009	200 mg Na/l	1,881	0	3.28	52.972	0

Taste (Taste Quant)	A004	0 Dilution number at 25°C	7,801	18	0	0	17
Tetrachloromethane (Total)	D008	3 µg/l	1,931	0	< 0.06	< 0.07	0
Turbidity	A002	4 NTU	7,666	3	< 0.16	0.26	3
Totals:			57,525	69			

Table UUT 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	1,922	0	< 0.0154	< 0.054
Clostridium Perfringens (Sulphite-reducing Clostridia) (Confirmed)	C004A	0 number/100 ml	1,949	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	20,303	28	0	0
Colony Counts After 3 Days At 22°C (Colony Counts)	C007	No abnormal change	7,703	-n/a	0	10
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	7,668	0	51.5	723
Gross Alpha	F004	0.1 Bq/l	1	0	< 0.01	< 0.01
Gross Beta	F005	1 Bq/l	1	0	0.01	0.01
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	7,563	0	6.86	7.96
Residual Disinfectant - Free	C009	No abnormal change	20,400	-n/a	0.15	1.21
Residual Disinfectant - Total	C010	No abnormal change	20,321	-n/a	0.23	1.29
Sulphate	A007	250 mg SO4/l	1	0	32	32
Total Organic Carbon	A017	No abnormal change	2	-n/a	0.89	1.07
Totals:			87,834	28		