

Viewing Site Summary Data for Cambridge Water Company Plc

Report Date Range: For the whole year 2020

Table CAM 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	150	0	< 0.006	< 0.006	0
Totals:			150	0			

Table CAM 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	2,687	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	2,687	0	0	0	0
Totals:			5,374	0			

Table CAM 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	2,687	-n/a	0	8
Residual Disinfectant - Free	C009	No abnormal change	2,687	-n/a	0.09	0.38
Turbidity - Indicator	A002A	1 NTU	2,686	0	< 0.1	0.11
Totals:			8,060	0		

Table CAM 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	1,561	0	0	0	0
Total Coliforms (Confirmed)	C001	0 number/100 ml	1,561	0	0	0	0
Totals:			3,122	0			

Table CAM 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	1,560	-n/a	0	14
Residual Disinfectant - Free	C009	No abnormal change	1,561	-n/a	0.03	0.21
Totals:			3,121	0		

Table CAM 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	150	0	< 0.8	< 0.8	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	121	0	0	0.05834	0
Pesticides Aldrin	P002	0.03 µg/l	15	0	< 0.007	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	52	0	< 0.002	0.022	0
Pesticides Bentazone	P006	0.1 µg/l	32	0	< 0.007	0.038	0
Pesticides Chlortoluron	P014	0.1 µg/l	24	0	< 0.003	0.007	0
Pesticides Dieldrin	P028	0.03 µg/l	24	0	< 0.007	< 0.007	0
Pesticides Diuron	P032	0.1 µg/l	8	0	< 0.004	0.007	0
Pesticides Glyphosate	P042	0.1 µg/l	8	0	< 0.005	< 0.005	0
Pesticides Heptachlor	P043	0.03 µg/l	24	0	< 0.008	< 0.008	0
Pesticides Heptachlor Epoxide - Total (Trans, CIS) (Heptachlor Epoxide)	P044	0.03 µg/l	8	0	< 0.005	< 0.005	0
Pesticides Metaldehyde	P226	0.1 µg/l	16	0	< 0.008	< 0.008	0
Pesticides Propazine	P066	0.1 µg/l	8	0	< 0.002	< 0.005	0
Pesticides Propyzamide	P071	0.1 µg/l	8	0	< 0.005	< 0.005	0
Pesticides Simazine	P073	0.1 µg/l	68	0	< 0.003	0.01	0
Pesticides Trietazine	P132	0.1 µg/l	16	0	< 0.004	0.008	0
Totals:			582	0			

Table CAM 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	150	0	0	0
Totals:			150	0		

Table CAM 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	72	0	< 0.12	< 0.12	0
Antimony	B008A	5 µg Sb/l	72	0	< 0.2	0.3	0
Arsenic (Total)	B001A	10 µg As/l	72	0	< 1	< 1	0
Benzene (Total)	F002	1 µg/l	72	0	< 0.02	< 0.02	0
Benzo[a]Pyrene (Total)	D007	0.01 µg/l	71	0	< 0.003	< 0.003	0
Boron	D005A	1 mg B/l	72	0	< 0.04	< 0.05	0
Bromate	F003	10 µg BrO ₃ /l	2	0	< 0.8	< 0.8	0
Cadmium (Total)	B002	5 µg Cd/l	72	0	< 0.12	< 0.12	0
Chromium (Total)	B004	50 µg Cr/l	72	0	< 0.5	0.8	0
Copper (Total)	A024A	2 mg Cu/l	72	0	< 0.008	0.358	0
Cyanide (Total)	B003	50 µg CN/l	71	0	< 2	< 2	0
E coli (faecal coliforms Confirmed)	C002	0 number/100 ml	1,020	0	0	0	0
Enterococci (Confirmed)	C003	0 number/100 ml	72	0	0	0	0
Fluoride (Total)	A027	1.5 mg F/l	72	0	0.139	0.205	0
Lead (10 - will apply 25.12.2013)	B007B	10 µg Pb/l	72	1	< 0.5	28	1
Mercury (Total)	B005	1 µg Hg/l	72	0	< 0.04	0.04	0
Nickel (Total)	B006A	20 µg Ni/l	72	0	< 0.6	13.4	0
Nitrate (Total)	A012	50 mg NO ₃ /l	72	0	27.6	43.4	0
Nitrite - Consumer's Taps	A013A	0.5 mg NO ₂ /l	74	0	< 0.003	< 0.006	0
Nitrite/Nitrate formula	A013C	1 mg/l	72	0	0.553	0.869	0
Pesticides (Total by Calculation)	B010	0.5 µg/l	2	0	0.003	0.021	0
Pesticides 2,4-D	P020	0.1 µg/l	1	0	< 0.007	< 0.007	0
Pesticides Aldrin	P002	0.03 µg/l	2	0	< 0.007	< 0.007	0
Pesticides Atrazine	P004	0.1 µg/l	1	0	0.003	0.003	0
Pesticides Bentazone	P006	0.1 µg/l	1	0	< 0.007	< 0.007	0
Pesticides Bromacil	P086	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides Carbetamide	P010	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Chlortoluron	P014	0.1 µg/l	2	0	< 0.003	0.004	0
Pesticides Clopyralid	P018	0.1 µg/l	1	0	< 0.007	< 0.007	0
Pesticides Cyanazine	P092	0.1 µg/l	1	0	< 0.006	< 0.006	0
Pesticides Dichlorprop	P026	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides Dieldrin	P028	0.03 µg/l	2	0	< 0.007	< 0.007	0
Pesticides Diuron	P032	0.1 µg/l	2	0	< 0.004	< 0.004	0
Pesticides Heptachlor (Heptachlor Epoxide)	P043	0.03 µg/l	2	0	< 0.008	< 0.008	0
	P044	0.03 µg/l	2	0	< 0.005	< 0.005	0

Pesticides Isoproturon	P048	0.1 µg/l	2	0	< 0.003	< 0.003	0
Pesticides Linuron	P051	0.1 µg/l	1	0	< 0.003	< 0.003	0
Pesticides MCPA 4-chloro-o-tolyloxyacetic acid	P054	0.1 µg/l	1	0	< 0.008	< 0.008	0
Pesticides MCPP (Mecoprop)	P053	0.1 µg/l	1	0	< 0.005	< 0.005	0
Pesticides Metaldehyde	P226	0.1 µg/l	1	0	< 0.008	< 0.008	0
Pesticides Prometryne	P070	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Propazine	P066	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Propyzamide	P071	0.1 µg/l	1	0	< 0.005	< 0.005	0
Pesticides Simazine	P073	0.1 µg/l	2	0	< 0.003	0.017	0
Pesticides Terbutryn	P077	0.1 µg/l	1	0	< 0.002	< 0.002	0
Pesticides Trietazine	P132	0.1 µg/l	1	0	< 0.004	< 0.004	0
Polycyclic Aromatic Hydrocarbons (Total by Calculation)	B011F	0.1 µg/l	71	0	0	0	0
Selenium (Total)	B009	10 µg Se/l	72	0	< 0.8	1.1	0
(Total by Calculation)	D009B	10 µg/l	72	0	0	3.4	0
Trihalomethanes (Total by Calculation)	D011	100 µg/l	72	0	0	18	0
Totals:			2,640	1			

Table CAM 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	72	0	< 5	9.7	0
Colour	A001	20 mg/l Pt/Co	349	0	< 1	< 1	0
Iron (Total)	A022	200 µg Fe/l	72	0	3.1	21.4	0
Manganese (Total)	A023	50 µg Mn/l	72	0	< 0.9	< 1.7	0
Odour	A003	0 Dilution number at 25°C	349	2	0	0	2
Sodium (Total)	A009	200 mg Na/l	72	0	6.7	26.5	0
Taste (Taste Quant)	A004	0 Dilution number at 25°C	349	0	0	0	0
Tetrachloromethane (Total)	D008	3 µg/l	72	0	< 0.11	< 0.11	0
Turbidity	A002	4 NTU	349	0	< 0.1	0.255	0
Totals:			1,756	2			

Table CAM 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	349	0	< 0.02	< 0.03

Chloride	D002A	250 mg Cl/l	72	0	20	77
(Confirmed)	C004A	0 number/100 ml	2	0	0	0
Coliform Bacteria (Indicator)	C001A	0 number/100 ml	1,020	0	0	0
Colony Counts After 3 Days At 22øc (Colony Counts)	C007	No abnormal change	349	-n/a	0	67
Conductivity (Electrical Conductivity)	D001	2500 µS/cm at 20°C	349	0	520	706
Hydrogen ion (pH) - Indicator (Hydrogen ion) (pH)	A006	6.5 - 9.5 pH Value	349	0	7.2	7.8
Residual Disinfectant - Free	C009	No abnormal change	1,020	-n/a	0.03	0.18
Sulphate	A007	250 mg SO4/l	72	0	22.3	43.6
Total Organic Carbon	A017	No abnormal change	72	-n/a	< 0.3	0.9
Totals:			3,654	0		