

Uttoxeter Water Quality Zone (UTT)								
Schedule 1 Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	26	0	0	<1.70	<1.70	1
Turbidity	FTU	1	26	0	0	0.1	0.11	0.22
Odour	Dil Number	0	26	0	0	0	0	0
Taste	Dil Number	0	26	0	0	0	0	0
Sodium	mg/l	200	8	0	0	22.3	45.81	68.9
Nitrate (as NO3)	mg/l	50	8	0	0	12.6	16.49	25.3
Nitrite (as NO2)	mg/l	0.1	8	0	0	<0.01	<0.01	<0.01
Nitrate/Nitrite Ratio	mg/l	1	8	0	0	0.25	0.33	0.51
Aluminium	ug/l	-	26	0	0	5	5.2	9.6
Iron	ug/l	200	26	0	0	<4.00	12.76	53.9
Manganese	ug/l	50	26	0	0	0.9	1.30	5.2
Copper	mg/l	2	8	0	0	0.007	0.02	0.031
Fluoride	ug/l	1500	8	0	0	0.83	0.92	0.98
Arsenic	ug/l	10	8	0	0	0.5	0.7	1.1
Cadmium	ug/l	5	8	0	0	<0.10	<0.10	0.11
Chromium	ug/l	50	8	0	0	<0.70	<0.70	0.35
Nickel	ug/l	20	8	0	0	<0.80	<0.80	0.4
Lead	ug/l	10	8	0	0	0.5	0.55	0.8
Antimony	ug/l	5	8	0	0	<0.10	0.1625	0.5
Selenium	ug/l	10	8	0	0	0.5	0.8	1.2
PAH	ug/l	0.1	8	0	0	0	0.0005	0.004
Escherichia coli	No./100ml	0	65	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	8	0	0	0	0	0
Boron	mg/l	1	8	0	0	0.05	0.065	0.098
Benzo(a)pyrene	ug/l	0.01	8	0	0	<0.002	<0.002	<0.002
Trihalomethanes (total)	ug/l	100	9	0	0	3.5	5.92	11.8
Bromate	ug/l	10	8	0	0	<0.50	<0.50	0.7

Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	26	0	0	7.4	7.68	8.3
Sulphate (as SO4)	mg/l	250	8	0	0	50.5	53.86	63.1
Ammonium (as NH4)	mg/l	0.5	26	0	0	0.04	0.04	0.04
Total coliforms	No./100ml	0	65	0	0	0	0	0
Free chlorine	mg/l	-	66	0	0	0.07	0.33	0.54
Total chlorine	mg/l	-	66	0	0	0.15	0.38	0.67
Conductivity	uS/cm	2500	26	0	0	491	664.46	782
Chloride	mg/l	250	8	0	0	50	76.88	104

\* All of the samples collected from this zone in 2018 complied with the Water Supply (Water Quality) (Amendment) Regulations 2018. Supplies to this zone are naturally fluoridated