

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	<1.00	<1.00	1
Turbidity	FTU	4	26	0	0	<0.1	0.10	0.12
Odour	Dil Number	0	26	0	0	0	0	0
Taste	Dil Number	0	26	0	0	0	0	0
Sodium	mg/l	200	10	0	0	11.5	33.02	63.4
Nitrate (as NO3)	mg/l	50	10	0	0	13.1	18.14	25.2
Nitrite (as NO2)	mg/l	0.1	10	0	0	<0.0060	<0.0060	<0.0060
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	0.26	0.36	0.51
Aluminium	ug/l	200	26	0	0	<5	5.35	9.5
Iron	ug/l	200	26	0	0	<4.0	12.55	106
Manganese	ug/l	50	26	0	0	0.9	1.18	5.5
Copper	mg/l	2	10	0	0	<0.004	0.048	0.16
Fluoride	mg/l	1.5	10	0	0	0.81	0.91	1.01
Arsenic	ug/l	10	10	0	0	<0.5	1.18	2.5
Cadmium	ug/l	5	10	0	0	<0.06	0.11	0.23
Chromium	ug/l	50	10	0	0	<0.3	<0.3	<0.3
Nickel	ug/l	20	10	0	0	<0.3	0.81	2.6
Lead	ug/l	10	10	0	0	<0.5	0.52	0.7
Antimony	ug/l	5	10	0	0	<0.1	0.27	0.7
Selenium	ug/l	10	10	0	0	0.4	0.66	0.9
PAH	ug/l	0.1	10	0	0	0	0	0
Escherichia coli	No./100ml	0	70	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	0	0	0
Boron	mg/l	1	10	0	0	<0.05	0.07	0.10
Benzo(a)pyrene	ug/l	0.01	10	0	0	<0.002	<0.002	<0.002
Trihalomethanes (total)	ug/l	100	9	0	0	3.8	10.7	23.2
Bromate	ug/l	10	10	0	0	<.04	0.41	0.5

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	7.6	7.8
Sulphate (as SO4)	mg/l	250	10	0	0	28	48.4	57.7
Ammonium (as NH4)	mg/l	0.5	26	0	0	<0.04	<0.04	<0.04
Total coliforms	No./100ml	0	70	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	26	0	0	0	0.2	3
Free chlorine	mg/l	-	70	0	0	0.03	0.3	0.66
Total chlorine	mg/l	-	70	0	0	0.1	0.4	0.74
Conductivity	uS/cm	2500	26	0	0	458	592.2	737
Chloride	mg/l	250	10	0	0	28	51.1	76

* All of the samples collected from this zone in 2019 complied with the Water Supply (Water Quality) (Amendment) Regulations 2018. Supplies to this zone are naturally fluoridated