

2014 Reporting Year

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	<0.90	<0.90	1.7
Turbidity	FTU	4	26	0	0	<0.08	0.103	0.16
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	52	55.8	58.9
Nitrate (as NO3)	mg/l	50	10	0	0	12.6	13.58	15.5
Nitrite (as NO2)	mg/l	0.1	10	0	0	<0.007	<0.007	<0.007
Nitrate/Nitrite Ratio	mg/l	1	10	0	0	0.253	0.271	0.31
Aluminium	ug/l	200	26	0	0	<2.0	<2.0	3
Iron	ug/l	200	26	0	0	<4.0	9.66	29.6
Manganese	ug/l	50	26	0	0	<1.00	<1.00	3.2
Copper	mg/l	2	10	0	0	<0.004	0.017	0.058
Fluoride	mg/l	1.5	10	0	0	0.938	0.982	1.06
Arsenic	ug/l	10	10	0	0	0.32	0.373	0.45
Cadmium	ug/l	5	10	0	0	<0.10	<0.10	<0.10
Chromium	ug/l	50	10	0	0	<0.70	<0.70	<0.70
Nickel	ug/l	20	10	0	0	0.8	0.8	0.8
Lead	ug/l	10	10	0	0	<0.10	0.023	0.23
Antimony	ug/l	5	10	0	0	<0.10	<0.10	<0.10
Selenium	ug/l	10	10	0	0	0.24	0.283	0.82
PAH	ug/l	0.1	10	0	0	0	0	0
Escherichia coli	No./100ml	0	72	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	10	0	0	0	0	0
Boron	mg/l	1	10	0	0	<0.02	0.037	0.054
Benzo(a)pyrene	ug/l	0.01	10	0	0	<0.0005	<0.0005	<0.0005
Trihalomethanes (total)	ug/l	100	10	0	0	0	4.91	18.6
Bromate	ug/l	10	10	0	0	<0.50	<0.50	<0.50
Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	26	0	0	7.3	7.59	7.82
Sulphate (as SO4)	mg/l	250	10	0	0	52.4	55.69	59.3
Ammonium (as NH4)	mg/l	0.5	26	0	0	<0.064	<0.064	<0.064
Total coliforms	No./100ml	0	72	0	0	0	0	0
3 day count,22 deg C	cfu/ml	-	26	0	0	0	0.115	2
Total chlorine	mg/l	-	72	0	0	0.1	0.382	0.61
2 day count,37 deg C	cfu/ml	-	26	0	0	0	1.26	16
Conductivity	uS/cm	2500	26	0	0	478	689.53	736
Chloride	mg/l	250	10	0	0	90	103	118

\* All of the samples collected from this zone in 2014 complied with the Water Supply (Water Quality) Regulations 2010. Supplies to this zone are fluoridated up to a level of 1mg/l.