South Staffs Water

Uttoxeter Quality Zone (UTT)								
Schedule 1 Parameters								
	Units	PCV	Number of Samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Min	Mean	Max
Colour	mg/l Pt/Co	20	25	0	0	2.00	2.00	2.00
Turbidity	FTU	4	25	0	0	0.12	0.13	0.19
Odour (quantitative)	Dil Number	0	25	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	25	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	18.40	44.61	56.20
Nitrate (as NO3)	mg/l	50	8	0	0	12.80	14.19	18.00
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	0.26	0.28	0.36
Aluminium	ug/l	200	25	0	0	6.10	6.10	6.10
Iron	ug/l	200	25	0	0	7.30	9.72	40.80
Manganese	ug/l	50	25	0	0	1.70	1.70	1.70
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.02	0.09
Fluoride	mg/l	1.5	8	0	0	0.32	0.86	0.98
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.00	1.00
Cadmium	ug/l	5	8	0	0	0.12	0.12	0.12
Chromium	ug/l	50	8	0	0	<0.70	<0.70	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	0.94	1.20
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	0.90	0.90
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.23	0.40
Selenium	ug/l	10	8	0	0	0.80	0.80	0.80
PAH	ug/l	0.1	8	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	73	0	0	0.00	0.00	0.00
Intestinal Enterococci	cfu/100ml	0	8	0	0	0.00	0.00	0.00
Boron (New Reg Limit)	mg/l	1	8	0	0	0.04	0.04	0.05
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	1.24	12.31	41.50
Bromate	ug/l	10	8	0	0	0.80	0.81	0.90
Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH (New Reg Limit) Env		-	25	0	0	7.20	7.54	7.80
Sulphate (as SO4)	mg/l	250	8	0	0	31.50	47.75	54.20
Ammonium (as NH4)	mg/l	0.5	25	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	73	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	25	0	0	0.00	0.60	11.00
Free chlorine	mg/l	-	73	0	0	0.08	0.40	0.59
Total chlorine	mg/l	-	73	0	0	0.10	0.50	0.76
Conductivity	uS/cm	2500	25	0	0	447.00	673.96	753.00
Chloride	mg/l	250	8	0	0	42.00	85.25	110.00

*All of the samples collected from this zone in 2024 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016. Supplies to this zone are naturally fluoridated.