



Sutton Coldfield Quality Zone (SU)								
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	52	0	0	2.00	2.13	3.00
Turbidity	FTU	4	52	0	0	0.12	0.12	0.12
Odour (quantitative)	Dil Number	0	52	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	52	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	18.50	23.60	29.70
Nitrate (as NO3)	mg/l	50	8	0	0	25.50	28.50	32.10
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	0.51	0.57	0.64
Aluminium	ug/l	200	52	0	0	6.10	8.67	24.00
Iron	ug/l	200	52	0	0	7.30	7.41	11.00
Manganese	ug/l	50	52	0	0	1.70	2.16	3.90
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.04	0.12
Fluoride	mg/l	1.5	8	0	0	0.20	0.56	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	0.16	0.20
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	1.59	2.20
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.19	2.50
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.26	0.30
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	169	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	0.05	0.07	0.09
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	22.90	46.89	59.30
Bromate	ug/l	10	8	0	0	0.80	0.86	1.30
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		-	52	0	0	7.10	7.32	7.70
Sulphate (as SO4)	mg/l	250	8	0	0	44.30	48.50	54.30
Ammonium (as NH4)	mg/l	0.5	52	0	0	<0.02	0.02	0.03
Total coliforms	No./100ml	0	169	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	52	0	0	0.00	1.19	9.00
Free chlorine	mg/l	-	169	0	0	0.03	0.07	0.28
Total chlorine	mg/l	-	169	0	0	0.07	0.20	0.53
Conductivity	uS/cm	2500	52	0	0	396.00	461.88	555.00
Chloride	mg/l	250	8	0	0	41.00	43.88	50.00
* 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 fluoridated up to a level of 1.5 mg/l								