South Staffs Water

Hayley Green Water Quality Zone (HG)								
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	2.00	2.00
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	12.30	15.89	22.70
Nitrate (as NO3)	mg/l	50	8	0	0	35.00	38.59	41.30
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	0.70	0.77	0.83
Aluminium	ug/l	200	52	0	0	6.10	10.20	127.00
Iron	ug/l	200	52	0	0	7.30	7.36	10.40
Manganese	ug/l	50	52	0	0	1.70	1.73	2.60
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.02	0.05
Fluoride	mg/l	1.5	8	0	0	0.38	0.73	1.01
Arsenic (New Regs Limit)	ug/l	10	8	0	0	2.40	2.49	2.80
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	0.90	0.90
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.00	1.70
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.20	0.20
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	133	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	0.04
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	9	0	0	13.70	32.24	81.90
Bromate	ug/l	10	8	0	0	0.80	0.85	1.00
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	6.90	7.48	7.90
Sulphate (as SO4)	mg/l	250	8	0	0	19.50	25.56	31.80
Ammonium (as NH4)	mg/l	0.5	52	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	133	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	52	0	0	0.00	3.88	110.00
Free chlorine	mg/l	-	133	0	0	0.03	0.17	0.46
Total chlorine	mg/l	-	133	0	0	0.05	0.25	0.54
Conductivity	uS/cm	2500	52	0	0	340.00	386.87	460.00
Chloride	mg/l	250	8	0	0	32.00	37.75	45.00

* 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.