

Cannock High 2 Water Quality Zone (CH2)								
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	36	0	0	2.00	2.53	3.00
Turbidity	FTU	4	36	0	0	0.12	0.13	0.52
Odour (quantitative)	Dil Number	0	36	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	36	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	8.80	12.33	15.20
Nitrate (as NO3)	mg/l	50	8	0	0	9.90	20.94	34.10
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	0.20	0.42	0.68
Aluminium	ug/l	200	36	0	0	6.10	7.21	17.40
Iron	ug/l	200	36	0	0	7.30	11.09	111.00
Manganese	ug/l	50	36	0	0	1.70	1.86	4.50
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.03	0.08
Fluoride	mg/l	1.5	8	0	0	<0.11	0.23	1.02
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	0.96	1.10
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.35	3.70
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.36	0.50
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	121	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	0.05	0.07
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	0.00	22.83	61.50
Bromate	ug/l	10	8	0	0	0.80	0.80	0.80
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		-	36	0	0	7.10	7.42	7.90
Sulphate (as SO4)	mg/l	250	8	0	0	37.30	41.99	50.30
Ammonium (as NH4)	mg/l	0.5	36	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	121	0	0	0.00	0.00	0.00
3 day count, 22 deg C	cfu/ml	50	36	0	0	0.00	1.72	39.00
Free chlorine	mg/l	-	121	0	0	0.03	0.27	0.57
Total chlorine	mg/l	-	121	0	0	0.10	0.43	0.73
Conductivity	uS/cm	2500	36	0	0	319.00	393.72	454.00
Chloride	mg/l	250	8	0	0	24.00	37.63	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.