

Cannock High 1 Water Quality Zone (CH1)								
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	2.67	3.00
Turbidity	FTU	4	52	0	0	0.12	0.13	0.26
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	7	0	0	13.00	16.59	20.20
Nitrate (as NO3)	mg/l	50	7	0	0	10.00	16.94	22.10
Nitrite (as NO2)	mg/l	0.1	7	0	0	<0.01	0.01	0.01
Nitrate/Nitrite Ratio	mg/l	1	7	0	0	0.20	0.34	0.44
Aluminium	ug/l	200	52	0	0	6.10	7.05	11.80
Iron	ug/l	200	52	0	0	7.30	10.27	61.30
Manganese	ug/l	50	52	0	0	1.70	1.80	3.70
Copper (New Reg Limit)	mg/l	2	7	0	0	0.01	0.04	0.10
Fluoride	mg/l	1.5	7	0	0	0.46	0.80	1.00
Arsenic (New Regs Limit)	ug/l	10	7	0	0	1.00	1.09	1.30
Cadmium	ug/l	5	7	0	0	0.12	0.12	0.12
Chromium	ug/l	50	7	0	0	1.00	1.00	1.00
Nickel (New Reg Limit)	ug/l	20	7	0	0	0.90	1.41	3.10
Lead (New Reg Limit)	ug/l	10	7	0	0	0.90	0.91	1.00
Antimony (New Reg Limit)	ug/l	5	7	0	0	0.30	0.40	0.50
Selenium	ug/l	10	7	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	132	0	0	0.00	0.00	0.00
Intestinal Enterococci	cfu/100ml	0	7	0	0	0.00	0.00	0.00
Boron (New Reg Limit)	mg/l	1	7	0	0	0.06	0.07	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	25.90	45.45	61.30
Bromate	ug/l	10	7	0	0	0.80	0.86	1.20
Indicator Parameters								
	Units	PCV	Number of Samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Min	Mean	Max
pH (New Reg Limit) Env		-	52	0	0	7.10	7.36	7.80
Sulphate (as SO4)	mg/l	250	7	0	0	40.80	53.01	68.40
Ammonium (as NH4)	mg/l	0.5	52	0	0	<0.02	0.02	0.04
Total coliforms	No./100ml	0	132	0	0	0.00	0.00	0.00
3 day count, 22 deg C	cfu/ml	50	52	0	0	0.00	7.25	300.00
Free chlorine	mg/l	-	132	0	0	0.03	0.18	0.54
Total chlorine	mg/l	-	132	0	0	0.10	0.33	0.75
Conductivity	uS/cm	2500	52	0	0	394.00	464.85	555.00
Chloride	mg/l	250	7	0	0	43.00	46.86	54.00

*All of the samples collected from this zone in 2025 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016. Supplies to this zone are fluoridated up to a level of 1.5mg/l