

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	2.60	6.00
Turbidity	FTU	4	52	0	0	0.12	0.12	0.13
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	13.90	18.65	23.90
Nitrate (as NO3)	mg/l	50	8	0	0	30.10	36.94	41.40
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	0.60	0.74	0.83
Aluminium	ug/l	200	52	0	0	6.10	11.29	137.00
Iron	ug/l	200	52	0	0	7.30	7.44	10.20
Manganese	ug/l	50	52	0	0	1.70	1.87	4.50
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.03	0.09
Fluoride	mg/l	1.5	8	0	0	<0.11	0.60	1.00
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.90	2.33	2.80
Cadmium	ug/l	5	8	0	0	0.12	0.12	0.12
Chromium	ug/l	50	8	0	0	1.00	1.00	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	0.99	1.60
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	0.20	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	0.02
Escherichia coli	No./100ml	0	132	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	0.01
Trihalomethanes (total)	ug/l	100	8	0	0	13.00	19.76	26.00
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		-	52	0	0	7.00	7.52	7.80
Sulphate (as SO4)	mg/l	250	8	0	0	24.60	32.94	48.20
Ammonium (as NH4)	mg/l	0.5	52	0	0	<0.02	0.02	0.11
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	1.04	25.00
Free chlorine	mg/l	-	133	0	0	0.03	0.21	0.53
Total chlorine	mg/l	-	133	0	0	0.11	0.31	0.88
Conductivity	uS/cm	2500	52	0	0	333.00	401.69	672.00
Chloride	mg/l	250	8	0	0	34.00	41.75	51.00
* 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 1.5 mg/l.								