

Heydon Water Quality Zone (Z5)								
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	37	0	0	2.00	2.59	3.00
Turbidity	FTU	4	37	0	0	0.12	0.14	0.56
Odour (quantitative)	Dil Number	0	37	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	37	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	9.60	13.28	22.70
Nitrate (as NO3)	mg/l	50	8	0	0	32.80	36.14	38.20
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	0.66	0.72	0.76
Aluminium	ug/l	200	8	0	0	6.10	6.10	6.10
Iron	ug/l	200	8	0	0	7.30	7.30	7.30
Manganese	ug/l	50	8	0	0	1.70	1.70	1.70
Copper (New Reg Limit)	mg/l	2	8	0	0	0.02	0.14	0.58
Fluoride	mg/l	1.5	8	0	0	0.16	0.17	0.18
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	1.00	1.01	1.10
Nickel (New Reg Limit)	ug/l	20	8	0	0	1.10	1.60	1.90
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	0.00
Escherichia coli	No./100ml	0	97	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	8	0	0	5.46	7.30	10.60
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		-	37	0	0	7.20	7.49	8.00
Sulphate (as SO4)	mg/l	250	8	0	0	23.90	25.60	27.20
Ammonium (as NH4)	mg/l	0.5	37	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	97	0	0	0.00	0.00	0.00
3 day count, 22 deg C	cfu/ml	50	37	0	0	0.00	0.27	2.00
Free chlorine	mg/l	-	97	0	0	0.03	0.15	0.30
Conductivity	uS/cm	2500	37	0	0	555.00	574.19	617.00
Chloride	mg/l	250	8	0	0	22.00	32.63	50.00

* All of the samples collected from this zone in 2025 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016.