

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	36	0	0	2.00	2.00	2.00
Turbidity	FTU	4	36	0	0	0.12	0.12	0.12
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	8.70	12.26	18.20
Nitrate (as NO ₃)	mg/l	50	8	0	0	34.00	35.74	38.70
Nitrite (as NO ₂)	mg/l	0.1	8	0	0	<0.01	<0.01	0.01
Nitrate/Nitrite Ratio	mg/l	1	8	0	0	0.68	0.71	0.77
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	0.03	0.23	0.72
Fluoride	mg/l	1.5	8	0	0	0.17	0.19	0.21
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	1.70	1.98	3.10
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.43	5.10
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	9	0	0	0.00	0.00	0.00
Escherichia coli	No./100ml	0	84	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	9	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	5.70	9.05	13.20
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	7.20	7.42	7.80
Sulphate (as SO ₄)	mg/l	250	8	0	0	21.80	24.65	28.00
Ammonium (as NH ₄)	mg/l	0.5	36	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	84	0	0	0.00	0.00	0.00
3 day count, 22 deg C	cfu/ml	50	36	0	0	0.00	0.92	23.00
Free chlorine	mg/l	-	84	0	0	0.03	0.12	0.26
Conductivity	uS/cm	2500	36	0	0	551.00	578.47	613.00
Chloride	mg/l	250	8	0	0	24.00	36.25	56.00

* All of the samples collected from this zone in 2024 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016.