

Winhill Quality Zone (WIN)								
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	0.12	0.13
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	33.70	43.71	48.60
Nitrate (as NO3)	mg/l	50	8	0	0	<1.03	2.51	16.50
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	<0.03	0.05	0.33
Aluminium	ug/l	200	36	0	0	6.10	6.19	8.60
Iron	ug/l	200	36	0	0	7.30	7.89	22.90
Manganese	ug/l	50	36	0	0	1.70	1.70	1.70
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.06	0.38
Fluoride	mg/l	1.5	8	0	0	0.44	0.86	1.06
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	1.00	1.00
Nickel (New Reg Limit)	ug/l	20	8	0	0	0.90	0.90	0.90
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.55	6.10
Antimony (New Reg Limit)	ug/l	5	8	0	0	0.20	0.21	0.30
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	96	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	0.06	0.08	0.09
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	2.42	16.64	38.70
Bromate	ug/l	10	8	0	0	0.80	1.33	2.20
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	7.30	7.51	8.00
Sulphate (as SO4)	mg/l	250	8	0	0	33.70	131.94	166.00
Ammonium (as NH4)	mg/l	0.5	36	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	96	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	36	0	0	0.00	0.36	4.00
Free chlorine	mg/l	-	96	0	0	0.03	0.16	0.41
Total chlorine	mg/l	-	96	0	0	0.05	0.27	0.56
Conductivity	uS/cm	2500	36	0	0	432.00	721.14	861.00
Chloride	mg/l	250	8	0	0	35.00	63.25	71.00
* 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								