

Burton 1 Water Quality Zone (BUR1)								
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	2.58	3.00
Turbidity	FTU	4	52	0	0	0.12	0.12	0.16
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	14.90	21.39	30.60
Nitrate (as NO3)	mg/l	50	8	0	0	9.40	14.80	19.50
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	0.19	0.30	0.39
Aluminium	ug/l	200	52	0	0	6.10	8.88	93.40
Iron	ug/l	200	52	0	0	7.30	7.99	28.10
Manganese	ug/l	50	52	0	0	1.70	1.99	16.00
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.02	0.06
Fluoride	mg/l	1.5	8	0	0	0.51	0.82	1.00
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.40	2.90
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	1.39	4.80
Antimony (New Reg Limit)	ug/l	5	7	0	0	0.30	0.60	1.80
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	144	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	0.06	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	27.00	52.65	66.60
Bromate	ug/l	10	8	0	0	0.80	1.05	1.70
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	7.20	7.45	7.90
Sulphate (as SO4)	mg/l	250	8	0	0	43.20	67.04	99.00
Ammonium (as NH4)	mg/l	0.5	52	0	0	<0.02	0.02	0.11
Total coliforms	No./100ml	0	144	0	0	0.00	0.00	0.00
3 day count, 22 deg C	cfu/ml	50	52	0	0	0.00	0.25	6.00
Free chlorine	mg/l	-	144	0	0	0.03	0.24	0.55
Total chlorine	mg/l	-	144	0	0	0.08	0.38	0.74
Conductivity	uS/cm	2500	52	0	0	393.00	475.88	544.00
Chloride	mg/l	250	8	0	0	41.00	49.50	59.00
*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								