



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	2.50	4.00
Turbidity	FTU	4	52	0	0	0.12	0.12	0.14
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	12.80	15.61	22.20
Nitrate (as NO3)	mg/l	50	8	0	0	10.80	13.54	16.20
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	0.22	0.27	0.32
Aluminium	ug/l	200	52	0	0	6.10	7.45	14.50
Iron	ug/l	200	52	0	0	7.30	7.72	23.40
Manganese	ug/l	50	52	0	0	1.70	1.71	1.90
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.01	0.02
Fluoride	mg/l	1.5	8	0	0	<0.11	0.47	0.96
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.23	1.60
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	0.90	0.96	1.10
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	0.40	0.60	1.00
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	0.06	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	26.70	56.33	80.40
Bromate	ug/l	10	8	0	0	0.80	0.83	0.90
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	7.10	7.32	7.80
Sulphate (as SO4)	mg/l	250	8	0	0	36.40	48.04	59.20
Ammonium (as NH4)	mg/l	0.5	52	0	0	<0.02	0.02	0.04
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	8.56	276.00
Free chlorine	mg/l	-	144	0	0	0.03	0.21	0.64
Total chlorine	mg/l	-	144	0	0	0.11	0.37	0.85
Conductivity	uS/cm	2500	52	0	0	384.00	422.42	477.00
Chloride	mg/l	250	8	0	0	41.00	42.63	45.00
*All of the samples collected from this zone in 2024 complied with the Water Supply (Water Quality) (Amendment) Regulations 2016. Supplies to this zone are fluoridated up to a level of 1.5mg/l								