



Hopwas Water Quality Zone (HW)								
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	24	0	0	2.00	2.25	3.00
Turbidity	FTU	4	24	0	0	0.12	0.12	0.21
Odour (quantitative)	Dil Number	0	24	0	0	0.00	0.00	0.00
Taste (quantitative)	Dil Number	0	24	0	0	0.00	0.00	0.00
Sodium	mg/l	200	8	0	0	14.10	15.99	18.00
Nitrate (as NO3)	mg/l	50	8	0	0	<1.03	19.86	33.80
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	0.40	0.68
Aluminium	ug/l	200	24	0	0	6.10	6.84	11.20
Iron	ug/l	200	24	0	0	7.30	13.55	77.00
Manganese	ug/l	50	24	0	0	1.70	1.83	3.30
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.08	0.26
Fluoride	mg/l	1.5	8	0	0	0.11	0.47	0.88
Arsenic (New Regs Limit)	ug/l	10	8	0	0	1.00	1.06	1.30
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	1.00	1.40
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	0.33	0.60
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	72	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	0.05	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	6.38	24.62	51.50
Bromate	ug/l	10	8	0	0	0.80	0.80	0.80
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		-	24	0	0	7.10	7.34	7.60
Sulphate (as SO4)	mg/l	250	8	0	0	37.10	68.59	156.00
Ammonium (as NH4)	mg/l	0.5	24	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	72	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	24	0	0	0.00	0.54	9.00
Free chlorine	mg/l	-	72	0	0	0.03	0.25	0.64
Total chlorine	mg/l	-	72	0	0	0.10	0.39	0.79
Conductivity	uS/cm	2500	24	0	0	382.00	533.58	659.00
Chloride	mg/l	250	8	0	0	42.00	65.88	85.00
*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								