



Shavers End West Quality Zone (SVW)								
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	2.00	2.00
Turbidity	FTU	4	24	0	0	0.12	0.12	0.12
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	18.60	20.90	23.10
Nitrate (as NO3)	mg/l	50	8	0	0	25.70	37.80	44.00
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	0.51	0.76	0.88
Aluminium	ug/l	200	24	0	0	6.10	6.10	6.10
Iron	ug/l	200	24	0	0	7.30	7.37	8.90
Manganese	ug/l	50	24	0	0	1.70	1.70	1.70
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.12	0.50
Fluoride	mg/l	1.5	8	0	0	0.20	0.89	1.03
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	0.14	0.23
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	1.55	1.80
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	0.20	0.20
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	48	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	0.05	0.06	0.06
Benzo(a)pyrene	ug/l	0.01	8	0	0	0.00	0.00	0.00
Trihalomethanes (total)	ug/l	100	8	0	0	0.00	1.50	2.73
Bromate	ug/l	10	8	0	0	0.80	0.84	1.00
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	6.60	6.85	7.30
Sulphate (as SO4)	mg/l	250	8	0	0	43.20	47.34	51.10
Ammonium (as NH4)	mg/l	0.5	24	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	48	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	24	0	0	0.00	0.46	4.00
Free chlorine	mg/l	-	48	0	0	0.09	0.28	0.55
Total chlorine	mg/l	-	48	0	0	0.10	0.34	0.58
Conductivity	uS/cm	2500	24	0	0	405.00	450.67	484.00
Chloride	mg/l	250	8	0	0	43.00	45.75	49.00
*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.								