Springsmire East Quality Zone (SPE)								
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	2.67	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	22.40	25.61	27.50
Nitrate (as NO3)	mg/l	50	8	0	0	37.10	38.14	39.40
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	0.74	0.76	0.79
Aluminium	ug/l	200	36	0	0	6.10	6.18	8.60
Iron	ug/l	200	36	0	0	7.30	11.58	19.00
Manganese	ug/l	50	36	0	0	1.70	1.78	2.80
Copper (New Reg Limit)	mg/l	2	8	0	0	0.01	0.04	0.10
Fluoride	mg/l	1.5	8	0	0	0.14	0.69	0.93
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	1.40	2.60
Lead (New Reg Limit)	ug/l	10	8	0	0	0.90	1.13	2.50
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	120	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	6.67	11.01	14.00
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		-	36	0	0	7.00	7.18	7.60
Sulphate (as SO4)	mg/l	250	8	0	0	48.70	50.58	52.80
Ammonium (as NH4)	mg/l	0.5	36	0	0	<0.02	0.02	0.02
Total coliforms	No./100ml	0	120	0	0	0.00	0.00	0.00
3 day count,22 deg C	cfu/ml	50	36	0	0	0.00	0.17	2.00
Free chlorine	mg/l	-	120	0	0	0.04	0.20	0.40
Total chlorine	mg/l	-	120	0	0	0.12	0.28	0.58
Conductivity	uS/cm	2500	36	0	0	418.00	505.56	533.00
Chloride	mg/l	250	8	0	0	48.00	51.25	53.00

* 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