

Linton Water Quality Zone (Z4)								
Schedule 1 Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
Colour	mg/l Pt/Co	20	26	0	0	<1.0	<1.0	<1.0
Turbidity	FTU	4	26	0	0	<0.1	<0.1	<0.1
Odour	Dil Number	0	26	0	0	0	0	0
Taste	Dil Number	0	26	0	0	0	0	0
Sodium	mg/l	200	8	0	0	8.5	9.8	10.8
Nitrate (as NO3)	mg/l	50	8	0	0	29.1	31.8	37.7
Nitrite (as NO2)	mg/l	0.1	8	0	0	<0.006	<0.006	<0.006
Nitrate/Nitrite Ratio	mg/l	1	8	0	0	0.58	0.64	0.76
Aluminium	ug/l	200	8	0	0	<5	<5	<5
Iron	ug/l	200	8	0	0	<4.0	4	6.5
Manganese	ug/l	50	8	0	0	<0.9	<0.9	<0.9
Copper	mg/l	2	8	0	0	0.01	0.11	0.34
Fluoride	mg/l	1.5	8	0	0	0.17	0.18	0.20
Arsenic	ug/l	10	8	0	0	<0.5	<0.5	<0.5
Cadmium	ug/l	5	8	0	0	<0.06	<0.06	<0.06
Chromium	ug/l	50	8	0	0	<0.3	0.31	0.4
Nickel	ug/l	20	8	0	0	2	2.8	3.5
Lead	ug/l	10	8	0	0	<0.5	0.74	2.1
Antimony	ug/l	5	8	0	0	<0.1	0.1	0.1
Selenium	ug/l	10	8	0	0	0.7	0.8	0.9
PAH	ug/l	0.1	10	0	0	0	0	0
Escherichia coli	No./100ml	0	55	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	8	0	0	0	0	0
Boron	mg/l	1	8	0	0	<0.05	<0.05	<0.05
Benzo(a)pyrene	ug/l	0.01	10	0	0	<0.002	<0.002	<0.002
Trihalomethanes (total)	ug/l	100	10	0	0	4.2	6.2	9.4

Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	26	0	0	7.2	7.5	8
Sulphate (as SO4)	mg/l	250	8	0	0	24.6	32.3	36.7
Ammonium (as NH4)	mg/l	0.5	26	0	0	<0.04	<0.04	<0.04
Total coliforms	No./100ml	0	55	0	0	0	0	0
3 day count, 22 deg C	cfu/ml	-	26	0	0	0	0.65	3
Free chlorine	mg/l	-	55	0	0	0.03	0.06	0.14
Conductivity	uS/cm	2500	26	0	0	540	586.8	632
Chloride	mg/l	250	8	0	0	21	22.9	24

* All of the samples collected from this zone in 2019 complied with the Water Supply (Water Quality) (Amendment) Regulations 2018.