

2018 Reporting Year

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	25	0	0	<1.70	<1.70	1
Turbidity	FTU	1	25	0	0	0.1	0.10	0.11
Odour	Dil Number	0	25	0	0	0	0	0
Taste	Dil Number	0	25	0	0	0	0	0
Sodium	mg/l	200	9	0	0	9.3	10.67	12.5
Nitrate (as NO3)	mg/l	50	9	0	0	31.6	34.32	38.6
Nitrite (as NO2)	mg/l	0.1	9	0	0	<0.01	<0.01	<0.01
Nitrate/Nitrite Ratio	mg/l	1	9	0	0	0.63	0.69	0.77
Aluminium	ug/l	-	9	0	0	5	5	5
Iron	ug/l	200	9	0	0	<4.00	8.09	29.1
Manganese	ug/l	50	9	0	0	0.9	1.09	2.6
Copper	mg/l	2	9	0	0	0.01	0.24	0.85
Fluoride	mg/l	1.5	9	0	0	0.17	0.18	0.20
Arsenic	ug/l	10	9	0	0	0.5	0.5	0.5
Cadmium	ug/l	5	9	0	0	<0.10	<0.10	0.06
Chromium	ug/l	50	9	0	0	<0.70	<0.70	0.35
Nickel	ug/l	20	9	0	0	2.2	3.04	5.2
Lead	ug/l	10	9	0	0	0.5	0.79	1.6
Antimony	ug/l	5	9	0	0	<0.10	<0.10	0.1
Selenium	ug/l	10	9	0	0	0.8	0.97	1.5
PAH	ug/l	0.1	8	0	0	0	0	0
Escherichia coli	No./100ml	0	52	0	0	0	0	0
Intestinal Enterococci	cfu/100ml	0	9	0	0	0	0	0
Boron	mg/l	1	9	0	0	0.05	0.05	0.05
Benzo(a)pyrene	ug/l	0.01	8	0	0	<0.002	<0.002	<0.002
Trihalomethanes (total)	ug/l	100	8	0	0	5.6	7.53	11.9

Indicator Parameters								
	Units	PCV	Number of samples	Number of Samples contravening PCV	% No. of samples contravening PCV	Minimum	Mean	Maximum
pH		-	25	0	0	7.3	7.56	7.9
Sulphate (as SO4)	mg/l	250	9	0	0	30.6	35.64	42.6
Ammonium (as NH4)	mg/l	0.5	25	0	0	0.04	0.04	0.04
Total coliforms	No./100ml	0	52	0	0	0	0	0
Free chlorine	mg/l	-	52	0	0	0.03	0.06	0.19
Conductivity	uS/cm	2500	25	0	0	548	619.36	734
Chloride	mg/l	250	9	0	0	22	24.56	27

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