

Jan 1 - Dec 31 2017

Cambridge Water - Linton Supply Zone								
Schedule 1 Parameters								
Parameter	Units	PCV	Number of Samples	Number of Samples containing PCV	% of Samples containing PCV	Min	Mean	Max
Colour	mg/l Pt/Co	20	14	0	0	<1.7	<1.7	2.10
Turbidity	FTU	4	14	0	0	<0.07	0.10	0.12
Odour	Dil. Number	0	26	0	0	0	0	0
Taste	Dil. Number	0	26	0	0	0	0	0
Sodium	mg/l	200	9	0	0	9.30	11.7	14.0
Nitrate (as NO3)	mg/l	50	9	0	0	31.9	33.9	36.7
Nitrite (as NO2)	mg/l	0.5	9	0	0	<0.01	<0.01	0.01
Nitrate/Nitrite ratio		1	9	0	0	0.64	0.68	0.74
Aluminium	ug/l	200	9	0	0	4.70	10.1	52.2
Iron	ug/l	200	9	0	0	<4.0	<4.0	7.80
Manganese	ug/l	50	9	0	0	0.90	0.94	1.00
Copper	mg/l	2	9	0	0	0.01	0.05	0.14
Fluoride	mg/l	1.5	9	0	0	0.12	0.16	0.18
Arsenic	ug/l	10	9	0	0	0.44	0.51	0.70
Cadmium	ug/l	5	9	0	0	<0.10	<0.10	0.05
Chromium	ug/l	50	9	0	0	<0.70	<0.70	0.35
Nickel	ug/l	20	9	0	0	2.30	2.48	2.70
Lead	ug/l	10	9	0	0	<0.10	0.37	0.50
Antimony	ug/l	5	9	0	0	<0.10	<0.10	0.24
Selenium	ug/l	10	9	0	0	0.62	1.05	1.85
PAH	ug/l	0.1	10	0	0	<0.0001	<0.0001	<0.0001
Escherichia Coli	No./100ml	0	55	0	0	0	0	0
Intestinal Enterococci	No./100ml	0	9	0	0	0	0	0
Boron	mg/l	1	9	0	0	0.03	0.04	0.05
Bromate	ug/l	10	142	0	0	<0.1		0.83
Benzo (a) pyrene	ug/l	0.01	10	0	0	<0.0012	<0.0012	<0.0012
Trihalomethanes (total)	ug/l	100	10	0	0	0.50	7.31	10.7
Total pesticides	ug/l	0.5	140	0	0	<0.005		0.065
Indicator Parameters								
Parameter	Units	PCV	Number of Samples	Number of Samples containing PCV	% of Samples containing PCV	Min	Mean	Max
pH	-	6.5 min	14	0	0	7.30	7.83	
		9.5 max						
Sulphate (as SO4)	mg/l	250	9	0	0	35.9	43.6	50.0
Ammonium (as NH4)	mg/l	0.5	14	0	0	<0.03	0.03	0.04
Clostridium perfringens	No./100ml	0	117	0	0	0	0	0
Total coliforms	No./100ml	0	55	0	0	0	0	0
3 day Count 22C	No./1ml	-	26	0	0	0	1.85	31
Free chlorine	mg/l	-	55	0	0	0.02	0.06	0.13
Conductivity	uS/cm	2500	14	0	0	575	641	700
Chloride	mg/l	250	9	0	0	24.0	24.9	27.0

All results from samples taken from this zone between 1 January and 31 December 2017 complied with the Water Supply (Water Quality) Regulations 2016.