

Jan 1 - Dec 31 2017

Cambridge Water - Earith Bridge 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	2	0	0	<1.70	<1.70	0.85
Turbidity	FTU	4	2	0	0	0.10	0.10	0.10
Odour	Dil. Number	0	2	0	0	0	0	0
Taste	Dil. Number	0	2	0	0	0	0	0
Sodium	mg/l	200	2	0	0	23.0	23.3	23.6
Nitrate (as NO3)	mg/l	50	2	0	0	32.7	33.5	34.3
Nitrite (as NO2)	mg/l	0.5	2	0	0	<0.01	<0.01	<0.01
Nitrate/Nitrite ratio		1	2	0	0	0.66	0.67	0.69
Aluminium	ug/l	200	2	0	0	5.0	5.0	5.0
Iron	ug/l	200	2	0	0	<4.0	4.65	7.30
Manganese	ug/l	50	2	0	0	0.90	0.90	0.90
Copper	mg/l	2	2	0	0	0.008	0.027	0.046
Fluoride	mg/l	1.5	2	0	0	0.14	0.14	0.15
Arsenic	ug/l	10	2	0	0	0.50	0.50	0.50
Cadmium	ug/l	5	2	0	0	<0.10	<0.10	0.05
Chromium	ug/l	50	2	0	0	<0.70	<0.70	0.35
Nickel	ug/l	20	2	0	0	1.8	1.9	2.0
Lead	ug/l	10	2	0	0	0.50	0.50	0.50
Antimony	ug/l	5	2	0	0	<0.1000	<0.1000	0.05
Selenium	ug/l	10	2	0	0	1.28	1.29	1.29
PAH	ug/l	0.1	2	0	0	<0.0001	<0.0001	<0.0001
Escherichia Coli	No./100ml	0	4	0	0	0	0	0
Intestinal Enterococci	No./100ml	0	2	0	0	0	0	0
Boron	mg/l	1	2	0	0	0.05	0.05	0.05
Bromate	ug/l	10	2	0	0	<0.50	<0.50	<0.50
Benzo (a) pyrene	ug/l	0.01	2	0	0	0.002	0.002	0.002
Trihalomethanes (total)	ug/l	100	2	0	0	18.8	20.1	21.4
Total pesticides	ug/l	0.5	2	0	0	<0.005		0.025
Indicator Parameters								
Parameter	Units	PCV	Number of Samples	Number of Samples containing PCV	% of Samples containing PCV	Min	Mean	Max
pH	-	6.5 min	2	0	0	7.90	8.10	8.30
		9.5 max						
Sulphate (as SO4)	mg/l	250	2	0	0	29.1	30.2	31.3
Ammonium (as NH4)	mg/l	0.5	2	0	0	0.04	0.04	0.04
Clostridium perfringens	No./100ml	0	2	0	0	0	0	0
Total coliforms	No./100ml	0	4	0	0	0	0	0
3 day Count 22C	No./1ml	-	3	0	0	0	1	3
Free chlorine	mg/l	-	4	0	0	0.11	0.15	0.18
Conductivity	uS/cm	2500	2	0	0	588	599	609
Chloride	mg/l	250	2	0	0	42.0	51.5	61.0

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