

Jan 1 - Dec 31 2017

Cambridge Water - Sawston 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	8	0	0	<1.70	<1.70	0.85
Turbidity	FTU	4	8	0	0	<0.07	0.10	0.22
Odour	Dil. Number	0	8	0	0	0	0	0
Taste	Dil. Number	0	8	0	0	0	0	0
Sodium	mg/l	200	8	0	0	9.0	13.6	25.0
Nitrate (as NO3)	mg/l	50	8	0	0	27.9	32.5	43.5
Nitrite (as NO2)	mg/l	0.5	8	0	0	<0.01	<0.01	<0.01
Nitrate/Nitrite ratio		1	8	0	0	0.56	0.65	0.87
Aluminium	ug/l	200	8	0	0	4.70	4.89	5.00
Iron	ug/l	200	8	0	0	<4.0	4.7	11.1
Manganese	ug/l	50	8	0	0	0.90	0.95	1.0
Copper	mg/l	2	8	0	0	0.003	0.04	0.11
Fluoride	mg/l	1.5	8	0	0	0.16	0.17	0.18
Arsenic	ug/l	10	8	0	0	0.13	0.36	0.50
Cadmium	ug/l	5	8	0	0	<0.10	<0.10	0.05
Chromium	ug/l	50	8	0	0	<0.70	<0.70	0.35
Nickel	ug/l	20	8	0	0	1.70	2.28	3.90
Lead	ug/l	10	8	0	0	<0.10	0.53	1.80
Antimony	ug/l	5	9	0	0	<0.10	<0.10	0.39
Selenium	ug/l	10	8	0	0	0.52	0.94	1.78
PAH	ug/l	0.1	10	0	0	<0.0001	<0.0001	<0.0001
Escherichia Coli	No./100ml	0	36	0	0	0	0	0
Intestinal Enterococci	No./100ml	0	8	0	0	0	0	0
Boron	mg/l	1	8	0	0	0.03	0.04	0.05
Bromate	ug/l	10	129	0	0	<0.1		0.83
Benzo (a) pyrene	ug/l	0.01	10	0	0	<0.0012	0.0016	0.0020
Trihalomethanes (total)	ug/l	100	10	0	0	2.50	3.61	5.10
Total pesticides	ug/l	0.5	128	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	8	0	0	7.30	7.65	
		9.5 max						8.20
Sulphate (as SO4)	mg/l	250	8	0	0	37.0	41.7	49.0
Ammonium (as NH4)	mg/l	0.5	8	0	0	<0.03	0.03	0.04
Clostridium perfringens	No./100ml	0		0	0	0	0	0
Total coliforms	No./100ml	0	36	0	0	0	0	0
3 day Count 22C	No./1ml	-	8	0	0	0	0.13	1.0
Free chlorine	mg/l	-	36	0	0	0.02	0.07	0.13
Conductivity	uS/cm	2500	8	0	0	556	594	710
Chloride	mg/l	250	8	0	0	20.0	29.0	60.0

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