

06/09/2017

Regional Bore Hole Mineral Levels

Scotland			
Major Mineral Averages			SD
Calcium	31.63	mg/l	15.79
Magnesium	14.78	mg/l	11.70
Sodium	34.78	mg/l	29.04
Sulphur	6.37	mg/l	3.56
Nitrates	72.22	mg/l	34.11
Trace Mineral Averages			
Copper	0.56	mg/l	1.65
Iron	0.26	mg/l	0.56
Manganese	0.03	mg/l	0.04
Zinc	0.20	mg/l	0.50
Cobalt	0.00	mg/l	0.00

North			
Major Mineral Averages			SD
Calcium	103.55	mg/l	89.35
Magnesium	18.64	mg/l	16.69
Sodium	20.60	mg/l	27.51
Sulphur	31.46	mg/l	80.89
Nitrates	20.36	mg/l	20.42
Trace Mineral Averages			
Copper	0.02	mg/l	0.02
Iron	0.09	mg/l	0.07
Manganese	0.05	mg/l	0.06
Zinc	0.07	mg/l	0.05
Cobalt	0.00	mg/l	0.00



Wales & West			
Major Mineral Averages			SD
Calcium	91.14	mg/l	32.51
Magnesium	21.22	mg/l	18.20
Sodium	37.89	mg/l	27.74
Sulphur	24.76	mg/l	34.97
Nitrates	32.35	mg/l	29.53
Trace Mineral Averages			
Copper	0.06	mg/l	0.14
Iron	0.04	mg/l	0.04
Manganese	0.01	mg/l	0.02
Zinc	0.07	mg/l	0.06
Cobalt	0.00	mg/l	0.00

East			
Major Mineral Averages			SD
Calcium	122.71	mg/l	39.42
Magnesium	13.15	mg/l	23.37
Sodium	30.11	mg/l	36.81
Sulphur	26.98	mg/l	45.99
Nitrates	26.76	mg/l	31.12
Trace Mineral Averages			
Copper	0.01	mg/l	0.01
Iron	0.33	mg/l	0.66
Manganese	0.14	mg/l	0.48
Zinc	0.14	mg/l	0.20
Cobalt	0.00	mg/l	0.00

Regions With Elevated Mineral Averages

Mineral In Excess	Region		
	Swine	Poultry	Ruminant
Nitrates	Scotland	Scotland Wales & West East	No Issues
Iron	No Issues	East	No Issues
Manganese	East	North East	North East

Antagonist Mineral Alert: No Issues

Please refer to **WaterWatch Guide** for recommended maximum levels of minerals and microbes.

Regional Mains Mineral Levels

Scotland			
Major Mineral Averages			SD
Calcium	30.13	mg/l	
Magnesium	6.02	mg/l	
Sodium	15.64	mg/l	
Sulphur	11.51	mg/l	
Nitrates	10.00	mg/l	
Trace Mineral Averages			
Copper	0.00	mg/l	
Iron	0.03	mg/l	
Manganese	0.01	mg/l	
Zinc	0.03	mg/l	
Cobalt	0.00	mg/l	

*minimal samples analysed resulting in no SD

North			
Major Mineral Averages			SD
Calcium	57.67	mg/l	26.23
Magnesium	8.46	mg/l	7.61
Sodium	20.50	mg/l	7.16
Sulphur	20.12	mg/l	8.31
Nitrates	17.78	mg/l	24.38
Trace Mineral Averages			
Copper	0.01	mg/l	0.00
Iron	0.06	mg/l	0.02
Manganese	0.02	mg/l	0.02
Zinc	0.06	mg/l	0.03
Cobalt	0.00	mg/l	0.00



Wales & West			
Major Mineral Averages			SD
Calcium	80.36	mg/l	27.49
Magnesium	7.05	mg/l	3.72
Sodium	19.66	mg/l	13.69
Sulphur	13.52	mg/l	5.40
Nitrates	29.12	mg/l	24.25
Trace Mineral Averages			
Copper	0.05	mg/l	0.09
Iron	0.16	mg/l	0.24
Manganese	0.02	mg/l	0.01
Zinc	0.12	mg/l	0.12
Cobalt	0.00	mg/l	0.00

East			
Major Mineral Averages			SD
Calcium	79.59	mg/l	31.74
Magnesium	9.77	mg/l	7.51
Sodium	26.36	mg/l	14.48
Sulphur	19.53	mg/l	8.76
Nitrates	27.08	mg/l	20.94
Trace Mineral Averages			
Copper	0.02	mg/l	0.03
Iron	0.21	mg/l	0.28
Manganese	0.02	mg/l	0.02
Zinc	0.08	mg/l	0.07
Cobalt	0.00	mg/l	0.00

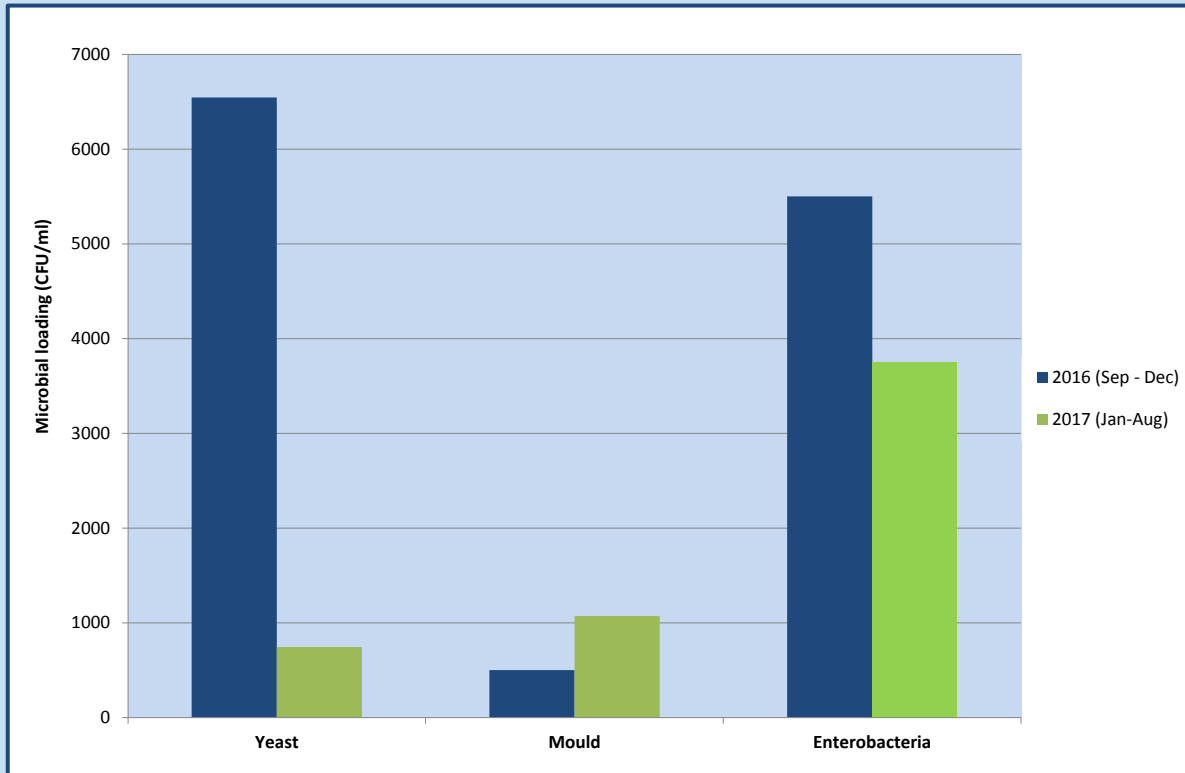
Regions With Elevated Mineral Averages

Mineral In Excess	Region		
	Swine	Poultry	Ruminant
Nitrates	No Issues	Wales and West East	No Issues

Antagonist Alert: No Issues

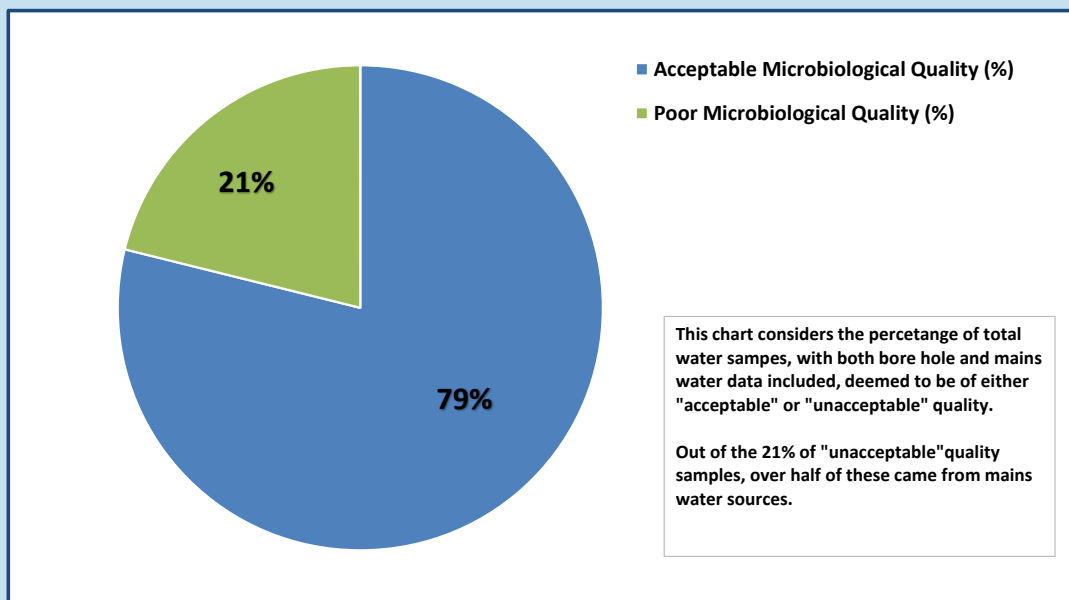
Please refer to **WaterWatch Guide** for recommended maximum levels of minerals and microbes.

Yearly Average Microbial Loadings



Note: the upper limit was taken for all values with "<" or ">" displayed in their results. For example if <100 CFU/ml was detected, 100 CFU/ml was added to the results, allowing averages to be taken.

Percentage of Drinking Water Samples Deemed Acceptable in Quality (Sept 16 - Aug 17)



Please refer to **WaterWatch Guide** for recommended maximum levels of minerals and microbes.