

Report Period 01/01/2018 to 31/12/2018

Water Supply Zone N211 BEACON LOUGH ZONE				population			35221	Z0021615		
Parameter	DWI Parameter Code	Standar ds Lower Limit	Upper Limit	Units	No of Samples	No Failing	Percentage Failing	Min Value	Mean Value	Max Value
Aluminium Total	A021			200 ug/l	36	0	.00	18	29	68
Ammonium (ammonia and ammonium ions)	A014			0.5 mg/l as NH4	36	0	.00	< 0.007	< 0.0075	0.018
Antimony Total	B008A			5 ug/l	8	0	.00	0.094	0.1055	0.12
Arsenic Total	B001A			10 ug/l	8	0	.00	0.15	0.2675	0.34
Benzo(3,4)Pyrene Total	D007			0.01 ug/l	8	0	.00	< 0.00056	< 0.0006	< 0.0006
Boron Total	D005A			1 mg/l	8	0	.00	0.0056	0.0115	0.016
Bromate	F003			10 ug/l	8	0	.00	< 0.3	< 0.3	< 0.3
Cadmium Total	B002			5 ug/l	8	0	.00	< 0.009	< 0.0113	0.017
Chloride	D002A			250 mg/l	8	0	.00	14	19	27
Chlorine Free	C009	no limit		mg/l	84	0	.00	0.06	0.3385	0.75
Chlorine Total	C010	no limit		mg/l	84	0	.00	0.13	0.4857	1.07
Chromium Total	B004			50 ug/l	8	0	.00	< 0.083	< 0.7304	1.4
Clostridium Perfringens (Welchii)	C004A			0 No./100ml	36	0	.00	0	0	0
Coliforms	C001A			0 No./100ml	84	0	.00	0	0	0
Colonies 3 Days 22 C YEA	C007	company limit		300 No./ml	36	0	.00	0	1.2222	29
Colour	A001			20 mg/l Pt/Co scale	36	0	.00	< 0.41	< 1.0539	1.7
Conductivity 20 Deg. C	D001			1500 uS/cm	36	0	.00	170	304	430
Copper Total	A024A			2 mg/l	8	0	.00	0.0018	0.0086	0.019
E.Coli	C002			0 No./100ml	84	0	.00	0	0	0
Enterococci	C003			0 No./100ml	8	0	.00	0	0	0
Fluoride Dissolved	A027			1.5 mg/l	8	0	.00	0.1	0.815	1.1
Hydrogen ion	A006	6.5		9.5 pH Value	36	0	.00	7.3	7.6361	7.9
Iron Total	A022			200 ug/l	36	0	.00	< 1.2	< 15	120
Lead Total	B007A			10 ug/l	8	0	.00	< 0.033	< 0.161	1
Manganese Total	A023			50 ug/l	36	0	.00	< 0.18	< 0.7217	5
Nickel Total	B006A			20 ug/l	8	0	.00	0.6	0.9575	1.2
Nitrate	A012			50 mg/l as NO3	8	0	.00	1.3	4.725	8.9
Nitrate / Nitrite formula	A013C			1 mg/l as NO2	8	0	.00	< 0.027	< 0.0945	0.18
Nitrite	A013A			0.1 mg/l as NO2	8	0	.00	< 0.0011	< 0.0013	0.0023
Odour Quantitative	A003			0 Dil. No.	32	0	.00	0	0	0
Polycyclic aromatic hydrocarbons	B011F			0.1 ug/l	8	0	.00	0	0.0003	0.0013
Selenium Total	B009			10 ug/l	8	0	.00	< 0.42	< 0.42	< 0.42

DWI Parameter codes marked S

These indicate parameters that are measured at a supply point, usually a water treatment works. Some supply zones may receive water from more than one supply point so all relevant samples are included for the purpose of monitoring water quality supplied to the zone.

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Sodium	A009		150 mg/l		8	0	.00	16	21	26
Sulphate Dissolved	A007		250 mg/l		8	0	.00	53	64	80
Taste Quantitative	A004		0 Dil. No.		32	0	.00	0	0	0
Total Trihalomethanes	D011		100 ug/l		8	0	.00	38	47	61
Turbidity	A002		4 NTU		36	0	.00	0.094	0.2007	0.81

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