

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

Water Supply Zone S204 LUMLEY ZONE				population			30131		Z0021645	
Parameter	DWI Parameter Code	Standards Lower Limit	Standards Upper Limit	Units	No of Samples	No Failing	Percentage Failing	Min Value	Mean Value	Max Value
Aluminium Total	A021		200 ug/l		24	0	.00	23	39	59
Ammonium (ammonia and ammonium ions)	A014		0.5 mg/l as NH4		24	0	.00	< 0.007	< 0.0070	0.0073
Antimony Total	B008A		5 ug/l		8	0	.00	< 0.08	< 0.2188	0.39
Arsenic Total	B001A		10 ug/l		8	0	.00	0.076	0.1604	0.29
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	< 0.0034	< 0.0614	0.17
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	< 0.0099	0.012
Chloride	D002A		250 mg/l		8	0	.00	17	45	79
Chlorine Free	C009	no limit	mg/l		72	0	.00	0.25	0.6206	1.04
Chlorine Total	C010	no limit	mg/l		72	0	.00	0.32	0.7425	1.18
Chromium Total	B004		50 ug/l		8	0	.00	0.26	0.8463	1.5
Clostridium Perfringens (Welchii)	C004A		0 No./100ml		24	0	.00	0	0	0
Coliforms	C001A		0 No./100ml		72	0	.00	0	0	0
Colonies 3 Days 22 C YEA	C007	company limit	300 No./ml		24	1	4.17	0	> 13	> 300
Colour	A001		20 mg/l Pt/Co scale		24	0	.00	0.48	1.0333	1.8
Conductivity 20 Deg. C	D001		1500 uS/cm		24	0	.00	150	477	*****
Copper Total	A024A		2 mg/l		8	0	.00	0.0024	0.0135	0.043
E.Coli	C002		0 No./100ml		72	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	0.18	0.2838	0.4
Hydrogen ion	A006	6.5	9.5 pH Value		24	0	.00	7.3	7.8875	8.4
Iron Total	A022		200 ug/l		24	0	.00	1.4	13	41
Lead Total	B007A		10 ug/l		8	0	.00	< 0.033	< 0.4205	2.2
Manganese Total	A023		50 ug/l		24	0	.00	< 0.18	< 0.5463	1.6
Nickel Total	B006A		20 ug/l		8	1	12.50	0.71	5.6738	37
Nitrate	A012		50 mg/l as NO3		8	0	.00	2.7	8.4875	15
Nitrate / Nitrite formula	A013C		1 mg/l as NO2		8	0	.00	< 0.054	< 0.168	0.29
Nitrite	A013A		0.1 mg/l as NO2		8	0	.00	< 0.0011	< 0.0013	0.0026
Odour Quantitative	A003		0 Dil. No.		21	0	.00	0	0	0
Polycyclic aromatic hydrocarbons	B011F		0.1 ug/l		8	0	.00	0	0	0
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	10	43	100
Sulphate Dissolved	A007		250 mg/l		8	0	.00	27	92	230
Taste Quantitative	A004		0 Dil. No.		21	0	.00	0	0	0
Total Trihalomethanes	D011		100 ug/l		8	0	.00	24	37	63
Turbidity	A002		4 NTU		24	0	.00	< 0.08	< 0.2110	1.5

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