## THE ANALYST.

## THE PUBLIC WATER SUPPLIES OF ENGLAND.

VALUATION, ACCORDING TO WIGNER'S VALUATION SCALE, OF THE ANALYSES PUBLISHED THIS MONTH. In the following table we give the *average* valuation of the public water supplies from January to June, and the valuations for last month (the July waters) and this month (the August waters).

	Average to June.	July.	August.		Average to June.	July.	Anonst
Kent New River   East London   Southwark and Vauxhall   West Middlesex   Grand Junction   Lambeth   Chelsea   Bath   Birmingham   Bolton   Bradford   Brighton   Bristol   Bury   Cambridge	Section	Manchester. Newark Newcastle-on-Tyne Northampton. Norwich Nottingham Oldham Plymouth Portsmouth	35 42 36 13 39 36 22 39 37 44 36 39 23 29 30	28 24 29  34 28 17 46 40  49 46  22 20	22 26 41  30 25 29 41 43  58 38  26 34		
Cambridge	28 17 33 27	26 22  30	22 16 ··	Reading Rochdale Rugby Salford	25 9 41 18	20 7 	34 9  21
Darlington	33 18 39 23	39 13	96 	Sevenoaks Sheffield Shrewsbury Southampton	20 22 23 43	••	17 40
Dudley Edinburgh Exeter Grantham	45 28 20 27	21 16	20 23 32	Stockport Stourbridge Stourport Sunderland	17 37 37 25	  27	•••
Hastings	23 23 27 94	20 26  30 110	25 28  30	Swansea Warwick Whitehaven Wolverhampton Worcester	16 34 9 46 55	14 34 17 39	19 14 32
King's Lynn Leamington	26		48 26	,, or	55	••	••

Taking the Metropolitan waters we find that the average valuation of the eight supplies for August is about one less than that for July.

The Kent and East London each show an improvement; the New River remains the same as last month; and in five cases there is a slight increase in the figure, although in every case but one the August figure is below the average for the first six months of the year.

The most pure of the provincial supplies during August are: Rochdale with a value of 9; Dublin, 13; Whitehaven, 14; Canterbury, 16; Shrewsbury, 17; Bolton and Swansea, each 19; and Edinburgh and Bath, each 20—and in nearly all cases these figures show a slight improvement upon the July waters.

The following supplies also show an improvement on the July supplies, viz.:—Birmingham, Bury, Cambridge, King's Lynn, Leeds, Maidstone, Southampton, and Wolverhampton.

On the other hand, in the following towns, the valuation shows increased impurity, viz.:—Bath, Bradford, Bolton, Darlington, Exeter, Grantham, Hastings, Huddersfield, Ipswich, Liverpool, Manchester, Newark, Newcastle, Norwich, Reading, Swansea.