

[Report 1908] / Medical Officer of Health, Ashby Woulds U.D.C.

Contributors

Ashby Woulds (England). Urban District Council.

Publication/Creation

1908

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THE
URBAN DISTRICT COUNCIL
OF
ASHBY WOULD'S.

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ANNUAL REPORT

OF THE
MEDICAL OFFICER OF HEALTH
FOR THE YEAR 1908.

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RODERIC LOGAN, M.R.C.S., ENG.,

Medical Officer of Health.

February 1909.

Ashby-de-la-Zouch.

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BEADSMOORE, PRINTER, ASHBY-DE-LA-ZOUCH AND COALVILLE.

THE UNIVERSITY OF CHICAGO

ASHBY-DE-LA-ZOUCH,

February 10th, 1909.

TO THE URBAN DISTRICT COUNCIL OF ASHBY WOULD'S.

MR. CHAIRMAN AND GENTLEMEN,

I beg to present to you my Annual Report upon the Sanitary state of your District for the year 1908.

Tables of death, new cases of infectious disease and vital statistics are appended, with tables of Inspector's work during the year.

The Vital statistics are calculated per 1,000 persons living.



ANNUAL REPORT.

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Statistics.	Est. Pop.	Birth Rt.	Death Rt.	Inf. Mor.	Zymotic D.R.
	3250	26·1	10·1	90	0·3
	Corresponding average rates for the past 10 years				
	2924	31·5	12·1	94	1·05

It is unsatisfactory to notice the steady decrease in the Birth rate. This rate is 10·6 below the previous 10 years average, 1889-1898, and this year's rate is again below the average. All the other rates are satisfactory, both the average rate and this year's rate.

Phthisis
Death Rate. Only one death from Phthisis was registered, giving a death rate of 0·3.

1904—Nil. 1905—1·2 1906—0·9
1907—0·9 1908—0·3

The average Phthisis death rate for the ten years ending 1907 was 0·7.

Typhoid
Death Rate. Only one death has occurred under this heading giving a death rate of 0·3. The average rate for the ten years ending 1907 is the same, 0·3.

Cancer
Death Rate. Only one death has been caused by Cancer, giving a death rate of 0·3. The average rate for past 10 years is 0·4

Infectious
Disease Only 3 cases were notified during the year, 2 of Diphtheria and one Typhoid. The case of Typhoid was fatal, but there were no serious sanitary defects on the premises. It was most

probably contracted out of the district. This is the lowest number of cases for the past 14 years except 1905. The average number of cases for the past 10 years is 15.5.

Sewerage.
Section I.

Albert Village and the greater part of Occupation Road is sewered to outfall works in Occupation Road. 2 tanks and 2 percolating filters with 1 contact bed for storm overflows.

Swain's park, about 8 cottages and the Railway Inn sewered to small precipitating tank beside Railway Road: overflow to Hooborough brook.

Section II.

Donisthorpe Lane is sewered to outfall works in adjoining field: one precipitating tank and one percolating filter—revolving arm. The valve arrangement for regulation of flow to filter is not working. It is of a somewhat complicated design and if it cannot be readily rendered fit for use should be replaced by the much simpler ball valve design which is working quite satisfactorily on Occupation Road.

The overflow from the filter discharges into the Hooborough brook.

Section III.

Stone Row, Moira and Moira Schools are sewered to a tank in field across the Canal where the overflow is irrigated over grassland. This is not satisfactory and the sewage might be taken to the Donisthorpe Lane outfall which would work better with a greater volume and is quite capable of dealing with this.

A few houses in this section are below the level of this tank and the sewage is therefore

taken to a small precipitating tank at side of road, overflow discharging along ditch to reach the Willesley brook.

New Row, Newfields sewage is piped to a closed tank in the old clay pits, the overflow passing into one of the pits. The Old Row sewage is collected in a closed tank at the bottom of the gardens about 100 yards from the houses and the overflow passes down a ditch about 300 yards long.

Rawdon Terrace sewage is discharged into a stream which passing under the Canal runs into Barratt pool.

In a district such as the Woulds where groups of houses are much detached and the levels vary considerably it is unfortunately impossible without too great expense to carry out any comprehensive scheme, and the constant interception of Canal and railway add to the complication. From a study of the Ordnance data it appears possible to connect up Newfields, Rawdon Terrace and the lower end of the Oakthorpe Road (Canal Wharf and Warren House) to the outfall of Donisthorpe Lane. As it is already proposed to connect up Moira School and Stone Rows with this outfall an additional filter bed would be required and possibly an extra settling tank. There is no urgent necessity at present for this wider scheme but to obviate the pollution of streams and to meet an increased population if that occurs in this section, the

proposal is worthy of consideration and I would suggest that your Inspector take the levels over the proposed route to see if such a scheme is practicable.

Water
Supply.

Spring Cottage exclusive of the 10 colliery cottages and one farmhouse which are supplied by the Willesley water (carted) Albert Village, and the greater part of Occupation Lane are supplied from the Ashby and Swadlincote reservoir.

Willesley
Water.

A supply of water from the old colliery in Willesley basin is pumped to a tank above Stone Row. Here there is a tap for public supply, another tap of same water below Warren House and another by the Furnace Houses, another for Newfields, one at Rawdon Terrace and the Baths Hotel. Houses distant from the taps belonging to the Moira Colliery Company are supplied from the taps by water cartage. A small number (about 29) of odd houses have well water.

The Ashby Road, east of the railway, is supplied from wells.

In this section one well has been complained of as being polluted from a broken drain. The well has been pumped out and cleaned twice but the water is still not satisfactory though the drain has been properly repaired. The water will probably gradually improve.

No disease traceable to impure water has occurred during the year.

Scavenging.

Stone Row, Moira has been complained of and I have reported fully upon this. New closets

are required and a larger number are to be erected with waterproof cesspits and new covered ashpits. At present the ashpits are dilapidated and uncovered. The Scavenging of the district has been satisfactorily carried out.

Factories and
Workshops
Act.

There are 8 Workshops registered, including 2 Bakehouses. No insanitary conditions or other defects have been found.

Cowsheds and
Dairies

There are 19 Cowsheds and Dairies in this district of which only 2 are registered. A complete register of these is urgently necessary to insure regular inspection and proper supervision of the Milk Supply. The cubic space per cow is in many instances far too small. The minimum space required for health is 600 cubic feet per cow, but the average of 6 sheds measured works out at less than 400 cubic feet per cow.

Cleanliness of sheds generally satisfactory.

Ventilation is not satisfactory as a rule. The ventilators are usually open spaces of considerable size fitted with shutters. When open they cause excessive draught which is injurious to milch cows and therefore are usually kept closed or very nearly so. Ventilation of Cowsheds should be through perforated openings which are quite small in diameter at the outside gradually widening to about 3 times the size on the inside of the nine-inch wall. They should be placed at the headstall side of the shed, not at the opposite side as is usual, where the cold draught blows directly on the flanks and udders of the beasts. Outlets must also be provided to insure

replacement of air and these should be placed in the roof or high up in the gable walls, but never directly opposite the inlets.

Lighting was generally found fairly satisfactory.

Sanitary conditions satisfactory.

Water Supply in most cases from wells.

Factories and
Workshops.

These have been inspected and no serious sanitary defects found.

Slaughter-
houses.

There are 3 on the register and they have been satisfactory.

There are no Laundries or Lodging Houses in the district.

No underground Bakehouses.

In conclusion, I am glad to report that the general Sanitary condition of the district steadily improves. With the extension of Sewage Works outlined in my Report a still further improvement will be effected and I recommend the consideration of this to your Council during the coming year.

I am, Gentlemen,

Your obedient Servant,

RODERIC LOGAN,

Medical Officer of Health.