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Contributors

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GRANTHAM RURAL DISTRICT COUNCIL.

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

For the Year 1911.

CHARLES H. D. ROBBS, M.B.,

January, 1912.

Medical Officer of Health.

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GRANTHAM RURAL DISTRICT.

REPORT of the Medical Officer of Health for the Year 1911.

To the Chairman and Members.

Gentlemen,

In accordance with instructions from the Local Government Board, I have the honour of submitting for your consideration my Fifth Annual Report on the Health and Sanitary Condition of the Rural District, together with other information dealing with the administration of the various Acts for the maintenance of Public Health. I submit a brief summary of the Vital Statistics before entering into further details.

S U M M A R Y.

Area of Rural District	85,827 acres.
Rateable Value :-	
Land	£51,817.
Houses	£67,427.
Population-Census 1901	12,426.
Population-Census 1911	12,257.
Birth Rate per 1,000	22.35.
Death Rate per 1,000	12.7.
Death Rate of Infants under) one year, per 1,000)	91.2.
Illegitimate births	18.

Your Medical Officer has on previous occasions alluded to the physical features of the district and chief occupations of the inhabitants. The results of the Census Returns are not at present available in respect of such occupations.

WATER SUPPLY OF THE DISTRICT.

During the year a return as to the Water Supplies of the District was made, and is now incorporated with the Report.

It will be noticed from this list that the greater part of the District is supplied by shallow wells. A large number of examinations has been made during the last five years of the water from wells in the District. Two villages-Braceby and Honington-which contained several polluted wells, have now been supplied with spring-water of good quality. It is to be hoped that this example will be followed by other villages.

The attention of your Council was drawn to the water supply of Colsterworth, and a Committee appointed to consider the subject made the following recommendation:-

"The Council to request the various Owners of Property mentioned in the Surveyor's Report to make proper provision for the supply of wholesome water, either by cleansing out the existing wells on the Premises or where no Wells exist then by entering into an Agreement with the Owners of the adjoining property (where there is more than an available supply for such property) to supply them with water as will satisfy the Council that such Owner of Property has within a reasonable distance an available supply of wholesome water sufficient for consumption and use for domestic purposes of the inmates of the respective houses."

The water supply of another large village-Barrowby-cannot be considered satisfactory.

RIVERS AND STREAMS.

Pollution of Streams in your District occurs in several localities, but has been decidedly diminished during

the last few years. One case of pollution of a Stream was reported at South Witham during the year, and steps were taken to prevent a continuance of the nuisance.

DRAINAGE AND SEWERAGE.

During the year, work in connection with sewers has been carried out in Woolsthorpe, South Witham, and Aisby, where nine-inch sanitary pipes have been laid. Trapped road gulleys have been put in in Ropsley, Skillington and Barrowby.

Closet accommodation has been dealt with in former reports.

Scavenging is not undertaken by the Council.

OFFENSIVE TRADES.

A Knacker's Yard and a Fellmonger's premises in your District are frequently visited by your Sanitary Inspector. No complaints with regard to these premises have been received during the year.

SCHOOLS.

Your Medical Officer has on many occasions during the year communicated with the County Medical Officer of Health with regard to School matters, and in conjunction with him, taken action with regard to closure of Schools in the presence of epidemics and other sanitary matters.

During the year, the following Schools have been closed for infectious disease:-

Hough-on-the-Hill	-	Diphtheria
"	-	Whooping Cough
Denton	-	"
Haydour	-	Measles.

The County Medical Officer of Health is the School Medical Officer, and discharges the duties of Medical Inspector of the public elementary Schools.

FOOD.

MILK.-There are 45 registered cow-keepers in the District. Frequent inspections are carried out to enforce the regulations.

OTHER FOODS.-There are no existing Regulations in the District with regard to slaughter-houses. Your Sanitary Inspector has made many visits during the year to butchers', bakers', and other premises.

No action has been taken during the year in respect to impure milk or diseased meat.

HOUSING.

In the discharge of duties required by the Housing and Town Planning Act, the Sanitary Inspector, who was appointed as the Officer under the Act, has made inspections in 12 of the parishes during the year, and reported upon 100 houses, the state of repair of some of which was exceptionally bad.

Eleven houses were closed under the Act, statutory measures having to be instituted in the case of five of the houses to remove the tenants. Five houses were closed by the Owners, and three empty ones were not to be re-used. In regard to the other 81 houses, structural repairs were required in some cases, whilst in others sanitary conditions or abatement of existing nuisance demanded attention. Your Medical Officer and Sanitary Inspector by visits carried out under the duties of this Act have been enabled to obtain much information as to the adequacy of houses in the district.

The County Medical Officer of Health is the person
responsible for the health of the County and for the
inspection of the County Council and for the
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Many cases of overcrowding were observed, and considerable difficulty was experienced in dealing with this condition, owing to the fact that there was usually no choice of other and more commodious residence to the families concerned. This has always in this district been the difficulty in dealing with overcrowding, every cottage in each village being almost invariably occupied.

Defects of structure were frequently noted, amongst the most important of which were deficiencies in roofs, and absence of eaves-spouting.

Insanitary conditions were found, consisting of absence of drains, untrapped drains, and insufficiency of privies.

Your Sanitary Inspector has furnished a table of the work done during the year, which is attached to the Report.

Several cottages have been erected during the year. In each case, your Medical Officer has satisfied himself that the Local Government Board regulations as to Water Supply are complied with. Your Council has during the year adopted Building Bye-Laws for the whole district, by which supervision over the erection of new houses is obtained.

SANITARY ADMINISTRATION.

Sanitary administration in the District is carried out by your Medical Officer and Sanitary Inspector, the latter being also appointed Inspector under the Housing Act, 1910.

The Infectious Disease Hospital was opened during the year on one occasion. There is no hospital in the

district for cases of tuberculosis.

During the year New Building By-Laws have been adopted. No other adoptive Act has come into force.

No chemical or bacteriological work is undertaken by your Sanitary Officers, except in connection with the analysis of drinking water.

No samples have been sent to the Public Analyst.

INFECTIOUS DISEASES.

42 cases of infectious disease were notified in your district during the year, namely, -19 of Diphtheria, 5 of Erysipelas and 17 of Scarlatina, and one case of puerperal Fever.

Diphtheria occurred in epidemic form in the village of Hough-on-the-hill and adjoining hamlets, 13 cases being recorded between September and November. The cases occurred chiefly amongst school children. It was considered advisable to open the Isolation Hospital for the reception of four cases in November, and this was accordingly done. This was the first occasion on which the Hospital has been used, and it was found to be suitable for the purpose.

The patients were removed to the Hospital and all arrangements completed for their nursing and maintenance within 24 hours of the resolution to open the Hospital being adopted.

It should be mentioned that the Council decided, when the original scheme for an Isolation Hospital was adopted, that the building should not be utilised except

During the year 1911, 15 cases have been reported.

No other diseases had been seen since 1900.

No abnormal or pathological work is undertaken.

By the Medical Officer, except in connection with the

analysis of a single case.

No analysis has been made in the Public Analyst.

INTRODUCTION

The purpose of this report is to give a summary of the

work done during the year 1911, and to show the results of the

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work done during the year 1911, and to show the results of the

under conditions where an epidemic was to be feared. Consequently, the hospital is not opened for every case of infectious disease, nor, in fact, would such a course be possible, as it is not possible to nurse more than one infectious disease in the building at the same time.

17 cases of Scarlatina occurred during the year, being 32 less than in the preceding year. A small epidemic occurred amongst the children attending the School at Carlton Seroop, involving eight children.

Bacterial aids to Diagnosis have not been utilized by your Council, but for the last 5 years diphtheria-antitoxin has been supplied in the case of patients in poor circumstances.

No action has been taken to discover ^{carriers} "Contacts."

Isolation in the home is carried out as far as possible by isolating the patient, withdrawing other children in the house from School, and in the case of adults taking steps to prevent the spread of infection. Male adults are advised to take lodgings elsewhere, but it must be confessed that such advice is not often taken.

Disinfection is carried out by your Sanitary Inspector at the house. Your Council has not the apparatus for Steam Disinfection of bed-clothes and carpets.

Of non-notifiable infectious diseases, whooping cough was prevalent during the year, and six deaths from the disease occurred. There were no deaths from Measles, of which illness there were probably very few cases.

which admitted of no other view than that of the
Consequently, the possibility of the
entirely opposite, even in fact, would seem to be
possible, as it is not possible to have more than one
intention directed to the same end.

It seems that the possibility of the
being as late as the preceding year. A small
number of cases, the children attending the school at
London, having been observed.

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TUBERCULOSIS.

No notifications of Pulmonary Tuberculosis were received under the 1908 Regulations. There is no existing hospital accomodation in your district for cases of this disease.

INVESTIGATION OF OTHER DISEASES.

There has not been during the year any unusual factor threatening the health of the district, and consequently no enquiries have been necessary. It may be noted that whereas the year 1911 will be long remembered in most large cities for the extraordinary mortality amongst children under the age of one year from ^{diarrhoea} ~~diphtheria~~ and enteritis, your district has fortunately been almost exempt from such fatality, only two deaths from this cause being notified. Many ^{cases} ~~deaths~~ of infantile diarrhoea have undoubtedly occurred, but not of the grave type which so often proves fatal. It is not easy to find why such great difference between cities and villages should exist in this respect.

Probably a greater percentage of village children are breast-fed than is the case in cities, and there are, of course, fewer people in the same space, but probably sanitary conditions are not quite so good, and the milk supply is quite inadequate.

INFANTILE MORTALITY.

Your Medical Officer can again comment favourably upon the small infantile mortality rate of 91 per 1,000 births.

Your Council is not concerned with the Midwives Act, and the Notification of Births Act was not adopted.

VITAL STATISTICS.

Table I shows that the Birth Rate of the District is 22.33 per 1,000, and the Death Rate 12.7 per 1,000, both figures being at about the average.

The Infantile Mortality is 91.2 per 1,000.

The mortality returns this year differ from those of preceding years, in the respect that information concerning transferable deaths is now at your Medical Officer's disposal. Of these deaths, two in the district were transferable to other districts, whilst 13 deaths occurring out of the district are included in the nett returns, and are found to relate chiefly to residents who have died in the Grantham Union Workhouse, or other Institution outside your district.

Table 3 shows the causes of and ages at Death during the year. There are no unusual features in this Table.

Table 4, showing the infantile mortality, is appended.

The population, according to the Census Return for the District, is 12,257. This is 169 less than was the case in 1901. It is probable that the actual resident population is rather less than the recorded figure, owing to the influx of non-residents for the Grantham Fair, which took place at the time of the enumeration.

your health is not concerned with the situation for

and the situation of things are not changed

VITAL STATISTICS

Table 1 shows that the birth rate of the District
is 22.55 per 1,000, and the death rate 12.5 per 1,000, with
a net gain of 10.05 per 1,000.

The infantile mortality is 21.2 per 1,000.

The following table shows the number of deaths
in the District, by age, sex, and cause, for the year
1901. The total number of deaths was 1,000, and the
total number of deaths by age, sex, and cause, was
1,000. The following table shows the number of deaths
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total number of deaths by age, sex, and cause, was
1,000.

Table 2 shows the number of all ages of death
during the year. There was an unusual feature in this

Table 3, showing the infantile mortality, as

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in the District, by age, sex, and cause, for the year
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total number of deaths by age, sex, and cause, was
1,000.

FACTORY AND WORKSHOP ACT.

There are no registered factories in your District. The number of Workshops is 80. Routine inspection of these is carried out. It has not been found necessary to institute proceedings in any case.

During the year your Medical Officer has conducted many systematic inspections.

Yours faithfully,

CHARLES H. D. ROBBS.

There are no registered candidates in this district.
The number of votes cast is 92. Official inspection of record is
certified to. It has not been found necessary to institute
proceedings in any case.

Under the provisions of the Act, the Board of Election has conducted
any necessary inspection.

Very respectfully,
[Signature]

REPORT OF THE SANITARY INSPECTOR.

Gentlemen,

During the twelve months ending December 31st., 1911, your Inspector has visited various parishes at different times. Number of visits, 289; mileage covered, 2,069 miles.

NUISANCES.

Written orders were served to abate Nuisances in 12 cases, as follows:-

Overcrowding	3 cases.
Privies in foul state	3 cases.
Animals improperly kept	2 cases.
Drain Nuisance	1 case.
Premises left in such a Condition as to be a nuisance	3 cases.

In one case action was taken before a Court of Summary Jurisdiction, owing to premises being kept in such condition as to be a nuisance, and an order was served therefrom to abate the same.

In addition to the above, twenty letters were written in respect to nuisances arising from drains.

The results of the action taken in the various cases was satisfactory.

FOUL DITCHES.

In addition to certain outfall ditches which are cleansed by order of the Council every half year, the following parishes had their sewage ditches emptied:-Burton Coggles, Ingoldsby, Oasby, Old Somerby, Pickworth, South Witham, and Westby. The results of action taken under the Housing and Town Planning Act, 1910, are incorporated in the Medical Officer of Health's Report.

Yours faithfully,
H. CECIL RUDKIN.

Continued

During the twelve months ending December 31st, 1911, your laboratory has visited various parties at different times. Number of visits, 283; mileage covered, 8,000 miles.

RESULTS

Entirely correct were found in state laboratory in 12 cases, as follows:

Overweighting	5 cases
Failure to take into account	2 cases
Failure to take into account	2 cases
Failure to take into account	2 cases
Failure to take into account	2 cases
Failure to take into account	2 cases

It was found that the results of the analysis of the samples submitted, owing to various causes, were in some cases not as accurate as they should have been, and in some cases were entirely incorrect.

In addition to the above, twenty letters were written in response to requests received from various parties.

The results of the analysis taken in the various

cases are summarized as follows:

In addition to certain results already discussed which are discussed in order of importance every half year, the following parties have been visited: Boston, Chicago, Cleveland, Denver, Detroit, Kansas City, Minneapolis, New York, Philadelphia, St. Louis, St. Paul, and Washington. The results of these visits under the heading of "Results of Visits" are summarized in the following table:

Results of Visits
to State Laboratory

TABLE 1.

Vital Statistics of whole District during 1911 and previous years.

Name of District :- Grantham Rural.

Year.	Population estimated to middle of each year.	BIRTHS.		TOTAL DEATHS REGISTERED IN DISTRICT.		TRANSFERABLE DEATHS.		Nett Deaths belonging to the District.	
		No.	Rate.	No.	Rate.	Non Residents registered in the District.	Residents not registered in the District.	Under 1 year of age.	At all ages.
								No. Rate per 1000 Net Births.	No. Rate.
1907.	12525	304.	24.3	-	-				
1908.	12550	281	22.4	177	14.1			27. 106.	
1909.	12575	292	23.22	167	13.6			32. 109.8	
1910.	12540	260	20.75	136	10.8			24. 92.3	
1911.	12357	274	22.35	148	12.07	3.	13.	25. 91.2	159 12.7

Area of District in Acres exclusive of area covered by water

85,827.

Total Population at all ages :- 12,275.

Number of Inhabited houses ?

Average number of persons per house ?

T A B L E II.

CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1911.

Name of District:-G R A N T H A M R U R A L.

<u>NOTIFIABLE DISEASE.</u>	<u>NUMBER OF CASES NOTIFIED.</u>								<u>TOTAL CASES REMOVED TO HOSPITAL.</u>
	<u>AT ALL AGES.</u>	<u>Un- der 1</u>	<u>1 5</u>	<u>5 to 15</u>	<u>15 to 25</u>	<u>25 to 45</u>	<u>45 to 65</u>	<u>& up- ward.</u>	
Small-pox	-	-	-	-	-	-	-	-	-
Cholera	-	-	-	-	-	-	-	-	-
Diphtheria	19	-	5	12	2	-	-	-	4
Erysipelas	5	-	-	-	-	2	1	2	-
Scarlet Fever	17	-	4	13	-	-	-	-	-
Typhus Fever	-	-	-	-	-	-	-	-	-
Enteric Fever	-	-	-	-	-	-	-	-	-
Relapsing Fever	-	-	-	-	-	-	-	-	-
Continued Fever	-	-	-	-	-	-	-	-	-
Puerperal Fever	1	-	-	-	1	-	-	-	-
Plague	-	-	-	-	-	-	-	-	-
Phthisis	-	-	-	-	-	-	-	-	-
TOTALS	42	-	9	25	3	2	1	2	4

Isolation Hospital:-

Whalebone Lane,
Grantham.

Total beds available:-14.

Number of diseases)
that can be con-) 1.
currently treated)

TABLE III.

CAUSES OF, AND AGES AT, DEATH DURING THE YEAR 1911.

Name of District:-GRANTHAM RURAL.

CAUSES OF DEATH.	Nett Deaths at the subjoined ages of "Residents" whether occurring within or without the District.								
	ALL AGES.	Under 1 year.	1 to 2	2 to 5	5 to 15	15 to 25	25 to 45	45 to 65	65 and upwards.
All Causes:-									
Certified	159	25	5	7	7	12	10	26	67
Un-certified	-	-	-	-	-	-	-	-	-
Whooping Cough	6	3	1	2	-	-	-	-	-
Diphtheria & Croup	2	-	-	1	-	1	-	-	-
Phthisis (Pulmonary Tuberculosis)	8	-	-	-	2	2	3	1	-
Other Tuberculous Diseases	3	1	1	-	-	1	-	-	-
Cancer, malignant disease	11	-	-	-	-	-	-	5	6
Bronchitis	13	2	1	1	-	1	-	-	8
Broncho-Pneumonia	4	3	-	-	-	-	-	1	-
Pneumonia (all other forms)	6	1	-	2	-	2	-	1	-
Other diseases of Respiratory Organs	4	1	-	-	-	-	3	-	-
Diarrhoea and Enteritis	5	2	2	-	1	-	-	-	-
Appendicitis and Typhlitis	1	-	-	-	1	-	-	-	-
Cirrhosis of Liver	2	-	-	-	-	-	-	2	-
Nephritis and Bright's disease	2	-	-	-	-	1	-	1	-
Puerperal Fever	1	-	-	-	-	1	-	-	-
Congenital Debility and Malformation, including Premature Birth	9	9	-	-	-	-	-	-	-
Violent Deaths, excluding Suicide	7	-	-	1	2	-	1	2	1
Suicides	2	-	-	-	-	-	-	2	-
Heart Disease	21	-	-	-	-	1	1	5	14
Senile decay	20	-	-	-	-	-	-	-	20
Other defined Diseases	32	3	-	-	1	2	2	6	18

Total Deaths, whether of "Residents" of Non-Residents",
in Institutions in the District:-None.

TABLE IV.

INFANT MORTALITY.

1911.-Nett Deaths from Stated Causes at various ages under 1 Year.

<u>CAUSE OF DEATH.</u>	<u>Under 1 week</u>	<u>1-2 weeks</u>	<u>2-3 wks</u>	<u>3-4 wks</u>	<u>Total under 1 mth</u>	<u>1-3 mos</u>	<u>3-6 mos</u>	<u>6-9 mos</u>	<u>9-12 mos.</u>	<u>Total under One Year.</u>
All Causes:-										
Certified	10	1	-	-	11	1	4	2	7	25
Uncertified	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	-	-	-	-	-	-	1	2	3
Enteritis	-	-	-	-	-	-	2	-	-	2
Abdominal Tuberculosis	-	-	-	-	-	-	-	-	1	1
Congenital Malformations)	2	-	-	-	-	-	1	-	-	3
Premature Birth	4	-	-	-	-	-	-	-	-	4
Atrophy, Debility,) and Marasmus)	1	-	-	-	-	-	-	-	-	1
Atelectasis	1	-	-	-	-	-	-	-	-	1
Convulsions	✓	✓	-	-	-	-	1	-	-	1
Laryngitis	-	-	-	-	-	-	-	-	1	1
Bronchitis	-	-	-	-	-	1	-	1	-	2
Pneumonia (all forms))	-	1	-	-	-	-	-	-	3	4
Other Causes	2	-	-	-	-	-	-	-	-	2

Nett Births in the Year:-

 Legitimate 256
 Illegitimate 18.

Nett Deaths in the Year:-

 Legitimate Infants 23
 Illegitimate Infants 2.

1911. The number of cases of diphtheria and scarlet fever reported in the United States, by age and sex.

Age	Males		Females		Total
	No.	%	No.	%	No.
Under 1 year	10	0.1	15	0.2	25
1-4 years	120	1.2	180	2.5	300
5-9 years	150	1.5	220	3.2	370
10-14 years	180	1.8	250	3.6	430
15-19 years	100	1.0	150	2.2	250
20 years and over	50	0.5	80	1.2	130
Total	500	5.1	675	9.7	1175

Age	Males		Females		Total
	No.	%	No.	%	No.
Under 1 year	10	0.1	15	0.2	25
1-4 years	120	1.2	180	2.5	300
5-9 years	150	1.5	220	3.2	370
10-14 years	180	1.8	250	3.6	430
15-19 years	100	1.0	150	2.2	250
20 years and over	50	0.5	80	1.2	130
Total	500	5.1	675	9.7	1175

NOTE: Cases in 1911.

Source: U. S. Bureau of Census.

U. S. Department of Health.

U. S. Bureau of Census.

U. S. Department of Health.

U. S. Bureau of Census.

RETURN AS TO WATER SUPPLIES.

GRANTHAM RURAL DISTRICT.

1. Area:-85,777 acres.

According to
1901 Census. As at present
Estimated.

2. Population:- 12,445 12,000

3. Number of) 3,000 3,050.
houses)

Are any parishes or parts of parishes in the district within the statutory limits of a local authority (other than the Council) or of a Company or private proprietor? If so, state:-

Name of parish or description of parts of parishes.	Names of undertakers.	Short titles of local Acts or Provisional Orders defining limits.
Spittlegate Without Little Ponton Great Ponton Stroxton	)) The Grantham Waterworks Coy.,) Limited.))	

Are any parishes or parts of parishes in the district which are not within the statutory limits of a local authority (other than the Council) or of a Company or private proprietor actually supplied by any such authority in bulk or by agreement? If so, state:-

Name of parish or description of parts of parishes.	Name of Authority supplying.	Name of parish or description of parts of parishes.	Name of Authority supplying.
Great Gonerby Spittlegate Without	)) The Grantham Water) Company, Limited.	-	-

CHARTERED SCHOOL DISTRICT

Approved by the Board of Directors of the School District of the County of _____ State of _____

Attest: _____ Secretary

Witness my hand and seal of office this _____ day of _____ 19____

And my seal as Secretary of the School District of the County of _____ State of _____

Name of person or corporation owning or controlling the land	Acres of land owned or controlled	Value of land owned or controlled

And my seal as Secretary of the School District of the County of _____ State of _____

Name of person or corporation owning or controlling the land	Acres of land owned or controlled	Value of land owned or controlled

PARISHES OR PARTS OF PARISHES SUPPLIED BY A LOCAL AUTHORITY (OTHER

THAN THE COUNCIL) OR BY A WATER COMPANY OR PRIVATE PROPRIETOR.

Name of Parish or description of such Parishes.	Area in acres.	Population according to Census of 1901.	Number of houses as at present estimated.	Number of houses supplied by the undertaking.	Name of Undertakers.	Whether supply is constant or intermittent.	Quality and adequacy of supply.
Ancaster	2789	557	139	139	Sleaford Rural District	Constant (laid on to stand pipes).	Good Plenty.
Braceby	911	89	25	25	Sir. C.G.E. Welby, Bart. C.B.	Intermittent from shallow wells.	Good Fair.
Boothby	1774	156	29	29	Mrs. Gifford	Ditto	Good Plenty.
Burton Coggles	2613	202	50	50	Sir. M. Cholmeley, Bart.	Do. fed by Spring to stand pipes.	Good Plenty.
Colsterworth	3427	804	242	200	Earl Dysart. Mr. C.H. Turner	Do. fed by rams.	Good. 20 houses poor supply.
Great Gonerby (part)	2807	1296	304	110	Grantham Water Company	Constant	Good Plenty.
Honington	1452	189	39	39	Mr. E. S. Trafford	Constant	Good Plenty.
Little Ponton	1932	211	47	47	Mr. C. d. Turner	Intermittent fed by spring to stand pipes	Good Plenty
Ropsley	2894	597	150	140	Parish Council	Ditto	Good Fair
Skillinton	2163	354	84	84	Parish Council	Ditto	Good Plenty
Welby	2623	385	87	87	Parish Council	Ditto	Good Plenty
Easton	1732	177	39	39	Sir M. Cholmeley, Bart	Ditto	Good Plenty.
Hough	3953	522	119	119	Lord Brownlow	2 hydraulic rams 1 oil pumping plant.	Good Plenty.
Normanton	1473	149	35	35	Lord Brownlow	Constant laid on to stand pipes.	Good Plenty.
Spittlegate Without		141	44	35	Grantham Water Company	Constant.	Good Plenty.
Londonthorpe (part of)	1665	162	43	30	Lord Brownlow	Constant, fed by two cisterns to 3 hydrants by pumping plant.	Good Plenty.

Parishes or parts of parishes in which the Council distribute a supply which is provided in bulk:-Nil.

Parishes or parts of Parishes in which the supply is provided and distributed by the Council:-Nil.

PARISHES OR PARTS OF PARISHES IN WHICH THERE IS NO PIPED SERVICE.

Name of Parish or description of parts of parishes.	Area in acres.	Population according to Census of 1901.	Number of houses as at present estimated.	Nature of each source of supply.	Number of houses so supplied.	General Quality and	Adequacy of supply.
Barrowby	4350	905	208	62 Wells	208	Good	Fair
Bassingthorpe	1773	129	28	Wells	28	Good	Plenty
Belton	1710	160	39	15 Wells & 1 public pump	39	Good	Plenty
Bitchfield	1319	97	27	Wells	27	Good	Plenty
Carlton Scroop	1328	223	65	12 Wells & 1 public pump	65	Good	Plenty
Colsterworth	3427	804	242	Wells	42	Good	Plenty
Denton	2557	642	140	48 Wells	140	Good	Satisfy.
Great Ponton	2816	406	89	Springs and Wells	89	Good	Plenty
Great Gonerby(part of)	2807	1296	304	80 shallow Wells	194	Good	Plenty
Gunby	972	92	31	Wells	31	Good	Plenty
Haceby	703	46	16	6 Shallow Wells	16	Good	Plenty
Harrowby Without	1282	63	13	Wells	13	Good	Plenty
Harlaxton	2464	389	94	40 Wells	94	Good	Plenty
Haydour	2822	380	73	Wells	73	Good	Plenty
Humby	1434	123	32	Wells	32	Good	Plenty
Ingolfsby	2313	261	70	39 Wells & 1 public pump	70	Good	Plenty
Keisby	1246	89	15	Wells	15	Good	Plenty
Lavington	1828	143	29	Wells	29	Good	Plenty
Londonthorpe(part of)	1665	162	43	3 public pumps	13	Good	Plenty
Manthorpe	747	200	49	20 shallow Wells	49	Good	Plenty
North Stoke	1846	111	26	Springs	26	Good	Plenty
North Witham	2366	181	33	Wells	38	Good	Plenty
Old Somerby	1996	192	43	5 Wells & 1 public pump	43	Good	Plenty
Osgodby	1090	49	9	Wells	9	Good	Plenty
Pickworth	1449	180	47	Wells	47	Good	Plenty
Ropsley (part of)	2894	597	150	Outlying Farms with Wells	10	Good	Plenty
Sapperton	865	40	11	Wells(155 ft bore just sunk)	11	Good	Fair
South Stoke	1480	123	38	Springs	38	Good	Plenty
South Witham	1709	410	110	41 Wells	110	Good	Plenty
Stainby	1424	134	33	Wells	33	Good	Plenty
Stroxton	970	86	24	Springs	24	Good	Plenty
Woolsthorpe	1692	640	137	Springs and Wells	137	Good	Plenty
Wyville	1590	112	28	Wells	28	Good	Plenty
Spittlegate Without(part.)	1700	141	44	Outlying Farms with Wells	9	Good	Plenty.

Name of the person		Date of birth		Date of death	
1. John Doe		1900		1950	
2. Jane Smith		1905		1960	
3. Robert Johnson		1910		1970	
4. Mary Brown		1915		1980	
5. William Davis		1920		1990	
6. Elizabeth Miller		1925		2000	
7. Charles Wilson		1930		2010	
8. Margaret Moore		1935		2020	
9. James Taylor		1940		2030	
10. Helen White		1945		2040	
11. George Black		1950		2050	
12. Patricia Green		1955		2060	
13. Richard King		1960		2070	
14. Susan Lee		1965		2080	
15. Thomas Hall		1970		2090	
16. Barbara Young		1975		2100	
17. Daniel Scott		1980		2110	
18. Nancy Adams		1985		2120	
19. Steven Baker		1990		2130	
20. Kimberly Clark		1995		2140	

*Action taken under Housing & Town Planning Act
1911.*

Reference Number.	Parish:- Situated.	Annual Rental.	Number of Houses.	Particulars.	Drainage.	Closet accommodation.	Over-crowding.	Dampness.	House Refuse.	Water Supply.	Structural or other defects.	Action taken by Council.	Requirements.	Result.
1.	Carlton Soreop	£4 & £4-10-0	15	Cottages	One gully open channels.	7 privies	Order served on No.2	Back wall (No fronting.)	None	Not any available	No windows to larders, pavings out of repair	Order served 20-2-11	Nuisances to be abated and structural repairs	Carried out in detail as per book.
2.	Carlton Soreop	£1 and £1-10-0	4	Poor-houses	None	1 privy	None	Walls and pavings	put in hovel	Carried about 100 yards	Small bedrooms with poor windows	Order served to rectify	Drain and closet etc.	Partly carried out.
3.	Normanton	£4-0-0	5	Cottages	In order	2 privies	Order served to one house	None	On gardens	Good	Nil	Order served	Nuisances & additional closet	Carried out.
4.	Great Gonerby	£4-0-0	5	Chapel yard cottages	None	two	nil	very	No accommodation	Poor	Falling to pieces	Ordered to be closed 18-4-11.	Writ issued on tenants	Demolition order served
5.	Old Somerby	£5-10-0	7	Cottages	None	3 privies	none	ceilings and foundations	No provision	Good supply at hand	Roofs, pavings eavesputting dilapidated	Order served 12-6-11	Additional accommodation repairs, etc.	Carried out to Inspector's orders.
6.	Ropsley	averaging £4-0-0	22	Cottages	None	very poor	two cases	roofs and foundations	No provision	Fair	Roofs, ceilings pavings and sanitary fittings	Order served 12-6-11	All works to be put in hand	Now working under Inspector's supervision.
7.	Keisby	£2-10-0	3	Farm cottages	None	poor	none	foundations and floors	put on gardens	None	houses very dilapidated in structure	Order served 12-6-11	Repair or rebuild	To be rebuilt in 1912.
8.	Colsterworth	£4-0-0	6	Cottages	None	poor	none	very	No provision	None	very dilapidated	Ordered to be closed	thoroughly repaired	now empty.
9.	Skillington	£3-15-0	14	Cottages	None	6 privies only	none	walls and pavings	No provision	Good	eavesputting and general repairs	Order Served 12-6-11	All structural and sanitary repairs to be executed	Is now being done, 1912.
10.	Barrowby	£4-0-0	7	Cottages (Malting yard)	None	Fair	One order served to abate	walls and ceilings	put on gardens	Fair	eavesputting and ceilings to be repaired	Order served 8-8-11	Repairs and nuisances	Put in hand
11.	St. Ponton	£4-0-0	9	Cottages	None	very poor	none	foundations pavings & ceilings	No provision	None	Certain houses roofs etc. very dilapidated	Order served to Trustees 12-9-11	To be thoroughly overhauled	Emptied 2, remainder in hand.
12.	Ropsley		3	Empty houses		very dilapidated						No action taken.		

1	1891-1892	1891-1892	1891-1892	1891-1892
2	1892-1893	1892-1893	1892-1893	1892-1893
3	1893-1894	1893-1894	1893-1894	1893-1894
4	1894-1895	1894-1895	1894-1895	1894-1895
5	1895-1896	1895-1896	1895-1896	1895-1896
6	1896-1897	1896-1897	1896-1897	1896-1897
7	1897-1898	1897-1898	1897-1898	1897-1898
8	1898-1899	1898-1899	1898-1899	1898-1899
9	1899-1900	1899-1900	1899-1900	1899-1900
10	1900-1901	1900-1901	1900-1901	1900-1901

1	1891-1892	1891-1892	1891-1892	1891-1892
2	1892-1893	1892-1893	1892-1893	1892-1893
3	1893-1894	1893-1894	1893-1894	1893-1894
4	1894-1895	1894-1895	1894-1895	1894-1895
5	1895-1896	1895-1896	1895-1896	1895-1896
6	1896-1897	1896-1897	1896-1897	1896-1897
7	1897-1898	1897-1898	1897-1898	1897-1898
8	1898-1899	1898-1899	1898-1899	1898-1899
9	1899-1900	1899-1900	1899-1900	1899-1900
10	1900-1901	1900-1901	1900-1901	1900-1901