

**[Report 1955] / Medical Officer of Health, Barnack R.D.C.**

**Contributors**

Barnack (Cambridgeshire). Rural District Council.

**Publication/Creation**

1955

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BARNACK RURAL DISTRICT COUNCIL

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1955

To which is appended

THE ANNUAL REPORT OF THE

SURVEYOR & SANITARY INSPECTOR

Public Health Officers of the Authority:-

Medical Officer of Health

Dr. W. Anley Hawes, M.B., B.S., D.P.H. Lond.,

Sanitary Inspector

D. Ward Griffiths, M.R.San.I., M.S.I.A.,



Council Offices,  
Broad Street,  
Stamford.

May, 1956.

To the Chairman and Councillors of the  
Barnack Rural District Council.

My Lord, Ladies and Gentlemen,

I have the honour to present my Annual Report for the Year 1955.

The health of the District has been very satisfactory with the birth rate practically the same as last year, and again an exceptionally low death rate.

Infectious Diseases were very few - no cases of Diphtheria or acute Polio-myelitis were reported.

The Barnack water supply has been mainly satisfactory in quantity and quality and bacteriological tests have been made throughout the year.

The Thornhaugh Supply from springs at source has been adequate, but periodical bacteriological tests have proved this supply liable to surface contamination. Samples of chlorinated water were mainly satisfactory. Work was commenced on the installation of a new 4" pumping main direct from the Pump House, thereby making far more use of the estimated 60-80,000 gallons per day from the spring.

Plans for the main sewerage system for the Barnack group of villages have been agreed, but it has not yet been possible to commence work.

I am, My Lord, Ladies & Gentlemen,  
Your obedient Servant

W. ANLEY HAWES.

Medical Officer of Health.

Council Offices,  
Broad Street,  
Stanford.

May, 1935.

To the Chairman and Commissioners of the  
Barnack Rural District Council.

My Lord, Ladies and Gentlemen,

I have the honour to present my Annual Report for the Year 1935.

The health of the District has been very satisfactory with the birth rate practically the same as last year, and again an exceptionally low death rate.

Infectious diseases were very few - no cases of diphtheria or scarlet fever were reported.

The Barnack water supply has been mainly satisfactory in quantity and quality and bacteriological tests have been made throughout the year.

The Barnack supply from springs at source has been adequate, but bacteriological tests have proved this supply liable to surface contamination. Supplies of chlorinated water were mainly satisfactory. Work was commenced on the installation of a new 12" pumping main direct from the Pump House, thereby making for more use of the existing 60-80,000 gallons per day from the spring.

Plans for the main sewerage system for the Barnack group of villages have been agreed, but it has not yet been possible to commence work.

I am, My Lord, Ladies & Gentlemen,  
Your obedient servant.

M. ALLEN HARRIS.

Medical Officer of Health.



SECTION A. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area .....	15,256 acres.
Population estimated mid 1955 .....	4,070.
Number of inhabited houses from Rate Book .....	862.
Rateable Value .....	£21,966.
Sum represented by Penny Rate .....	£85.

EXTRACT FROM VITAL STATISTICS FOR THE YEAR.

	<u>Total</u>	<u>M</u>	<u>F</u>
<u>Live Births:-</u>			
Total	70	38	32
Legitimate		38	30
Illegitimate		-	2
Crude Birth Rate per 1000 of estimated resident population .....			17.1
Comparable Birth Rate per 1000 of estimated resident population .....			22.23

Still Births:-

Total	2	1	1
Legitimate		1	1
Illegitimate		-	-

Deaths:-

Total	22	12	10
Crude Death Rate per 1000 of estimated resident population .....			5.4
Comparable Death Rate per 1000 of estimated resident population .....			7.6

DEATHS OF INFANTS UNDER 4 WEEKS OF AGE.

Total	2	1	1
Legitimate		1	1
Illegitimate		-	-

DEATHS OF INFANTS UNDER 1 YEAR OF AGE.

Total	2	1	1
Legitimate		1	1
Illegitimate		-	-

RECORDED NUMBER OF DEATHS OF INFANTS UNDER 1 YEAR OF AGE:-

<u>Year</u>	<u>Legitimate</u>	<u>Illegitimate</u>	<u>Total Deaths</u>
1945	1	-	1
1946	1	-	1
1947	1	-	1
1948	4	-	4
1949	2	-	2
1950	1	-	1
1951	1	-	1
1952	-	-	-
1953	1	-	1
1954	1	-	1
1955	2	-	2

# SECTION 4. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area ..... 12,250 acres.  
 Population estimated mid 1933 ..... 4,070.  
 Number of inhabited houses from Rate Book ..... 862.  
 Rateable Value ..... £21,366.  
 Gas represented by Penny Rate ..... £22.

## EXTRACT FROM VITAL STATISTICS FOR THE YEAR.

### Live Births:-

Total	M.	F.
70	38	32
Legitimate	38	30
Illegitimate	-	2

Crude Birth Rate per 1000 of estimated resident population ..... 17.1  
 Comparable Birth Rate per 1000 of estimated resident population ..... 22.37

### Still Births:-

Total	M.	F.
2	1	1
Legitimate	1	1
Illegitimate	-	-

### Deaths:-

Total	M.	F.
22	12	10

Crude Death Rate per 1000 of estimated resident population ..... 5.4  
 Comparable Death Rate per 1000 of estimated resident population ..... 7.6

## DEATHS OF INFANTS UNDER A WEEK OF AGE.

Total	M.	F.
2	1	1
Legitimate	1	1
Illegitimate	-	-

## DEATHS OF INFANTS UNDER A YEAR OF AGE.

Total	M.	F.
2	1	1
Legitimate	1	1
Illegitimate	-	-

## RECORDED NUMBER OF DEATHS OF INFANTS UNDER A YEAR OF AGE:-

Year	Legitimate	Illegitimate	Total Deaths
1925	1	-	1
1926	1	-	1
1927	1	-	1
1928	1	-	1
1929	1	-	1
1930	1	-	1
1931	1	-	1
1932	1	-	1
1933	1	-	1
1934	1	-	1
1935	2	-	2

INTERNATIONAL STATISTICAL CLASSIFICATION OF DISEASES,INJURIES AND CAUSES OF DEATHS.

	<u>Male</u>	<u>Female</u>
Tuberculosis respiratory .....	1	-
Tuberculosis (other forms) .....	-	-
Syphilitic Disease .....	-	-
Diphtheria .....	-	-
Whooping Cough .....	-	-
Meningococcal Infections .....	-	-
Acute Poliomyelitis .....	-	-
Measles .....	-	-
Other Infective & Parasitic diseases .....	-	-
Malignant neoplasm of stomach .....	-	-
Malignant neoplasm of lung, bronchus .....	-	-
Malignant neoplasm of breast .....	-	-
Malignant neoplasm of uterus .....	-	-
Other malignant & lymphatic neoplasm .....	1	-
Leukaemia & Aleukaemia .....	-	-
Diabetes .....	-	-
Vascular lesions of nervous system .....	1	1
Coronary diseases, angina .....	1	-
Hypertension with heart disease .....	-	-
Other heart diseases .....	-	2
Other circulatory diseases .....	1	1
Influenza .....	-	-
Pneumonia .....	-	1
Bronchitis .....	-	-
Other Diseases Respiratory system .....	-	-
Ulcer of stomach and duodenum .....	-	-
Gastritis, Enteritis & Diarrhoea .....	-	-
Hyperplasia of Prostate .....	-	-
Nephritis & Nephrosis .....	-	-
Pregnancy, Childbirth & Abortion .....	-	-
Congenital malformation .....	-	1
Other defined and ill defined diseases .....	3	2
Motor Vehicle Accidents .....	-	1
All other Accidents .....	4	1
Suicide .....	-	-
Homicide & operations of war .....	-	-
	<hr/> 12 <hr/>	<hr/> 10 <hr/>





NET DEATHS FROM STATED CAUSES UNDER ONE YEAR OF AGE.

	Under 1 week	1 - 2 weeks	2 - 3 weeks	3 - 4 weeks	Total under 1 month	1 - 3 months	3 - 6 months	6 - 9 months	Total under 1 year.
Premature Birth & Malformation etc.	1	-	-	-	1	-	-	-	1
Pneumonia & Bronchitis	-	-	-	-	-	-	-	-	-
Enteritis and Diarrhoea	-	-	-	-	-	-	-	-	-
Other Causes	1	-	-	-	1	-	-	-	1
Total	2	-	-	-	2	-	-	-	2

ANALYSIS OF CASES OF INFECTIOUS DISEASES AND DEATHS THEREFROM.

	Total Cases Notified	Total Admitted to Hospital	Total Deaths
Scarlet Fever	4		
Pneumonia	4		+ 1
Poliomyelitis	-		
Dysentery	-		
Measles	20		
Whooping Cough	1		
Total	29		+ 1

+ Not admitted to Hospital.

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AGE DISTRIBUTION OF THE NOTIFIED INFECTIOUS DISEASES

	Not Known	Under 1 Year	1 -	2 -	3 -	4 -	5 -	10 -	15 -	20 -	25 -	35 -	45 -	55 -	65 -	Total.
Scarlet Fever	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	4
Pneumonia	-	-	-	1	-	-	-	-	-	1	1	-	-	-	1	4
Measles	-	1	-	3	-	4	10	2	-	-	-	-	-	-	-	20
Whooping Cough	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Total	-	1	2	4	-	4	13	2	-	1	1	-	-	-	1	29

TUBERCULOSIS

	Deaths during 1955				New Cases during 1955			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
1 - 5 yrs.	-	-	-	-	-	-	-	-
5 - 15 "	-	-	-	-	-	-	-	-
15 - 25 "	-	-	-	-	-	-	-	-
25 - 35 "	-	-	-	-	-	-	-	-
35 - 45 "	1	-	-	-	-	-	-	-
45 - 55 "	-	-	-	-	-	-	-	-
55 - 65 "	-	-	-	-	-	-	-	-
Over 65 "	-	-	-	-	-	-	-	-
Total	1	-	-	-	-	-	-	-

New Cases Notified during 1954 - 1 Pulmonary.





FACTORY ACT.

1. Inspection for purposes of provisions as to health  
(including inspections made by the Sanitary Inspector).

	Number on Register	Number of		
		Inspect- ions.	Written Notices	Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 & 6 are to be enforced by Local Authorities	4	10	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority.	6	12	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises).	5	13	-	-
Total	15	35	-	-

2. CASES IN WHICH DEFECTS WERE FOUND.

(If defects are discovered at the premises on two, three or more  
separate occasions, they should be reckoned as two, three or more  
"cases").

	Number of cases in which defects were found				Number of cases in which Prosecutions were instituted
	Found	Remedied	<u>Referred</u> To H.M. Inspector      By H.M. Inspector		
Want of Cleanliness	1	1	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drain- age of floors	-	-	-	-	-
Sanitary Conveniences:-					
(a) insufficient	-	-	-	-	-
(b) unsuitable or defective	1	-	-	-	-
(c) not separate for sexes	-	-	-	-	-
Other offences against the Act (Not including Offences relating to Outwork).	-	-	-	-	-
Total	2	1	-	-	-





GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.Nursing in the Home.

Under the Soke of Peterborough County Council Scheme the services of the District Nurses are available in all the villages in the District.

Home Helps.

Home Helps are available under the County Council Scheme. Application should be made to:-

The Home Help Organiser,  
County Council Offices,  
Bridge Street,  
Peterborough.

General Hospitals.

Acute and Maternity admissions to either Stamford and Rutland Hospital, Stamford, or the Memorial Hospital, Peterborough, or Maternity Units under the charge of this Hospital.

Chronic and long term cases are admitted to St. George's Hospital, Stamford.

Isolation Hospital.

Infectious cases are admitted to the Peterborough Isolation Hospital under the Peterborough Hospital Management Committee.

TREATMENT CENTRES AND CLINICS(a) Provided by the Soke of Peterborough County Council.Child Welfare - Clinics

- |  |   |
|--|---|
| (a) The Methodist Church School,<br>Barnack.   | 1st & 3rd Thursday<br>in the month.<br>2 - 4 p.m. |
| (b) The Cecil Conservative Club,<br>Wittering. | 1st & 3rd Tuesday<br>in the month.<br>2 - 4 p.m.  |

Diphtheria Immunisation.

Provided under the General Practitioner Service of the National Health Act.

(b) Provided by the Regional Hospital Board.Tuberculosis.

Tuberculosis cases are seen at the Chest Clinic, Stamford Hospital, provided by the Peterborough and Stamford Hospital Management Committee.

Weekly Clinic:-

- |  |   |   |
|--|---|---|
| Stamford & Rutland Hospital                  | - | Tuesdays from 9.30 a.m.                 |
| Chest Clinic, 1 Thorpe Road,<br>Peterborough | - | Mondays & Wednesdays<br>by appointment. |



GENERAL PRINCIPLES OF HEALTH SERVICES IN THE AREA

Health in the Home

Under the terms of the Home Health Care Act, the services of the District Nurses are available in all the villages in the District.

Home Help

Home Help is available under the County Council Scheme. Application should be made to:-

The Home Help Organisation,  
County Council Offices,  
Bridge Street,  
Peterborough.

General Hospitals

Acute and maternity admissions are either to Stamford and Rutland Hospital, Stamford, or the General Hospital, Peterborough, or maternity units under the charge of this hospital.

Geriatric and long term cases are admitted to St. George's Hospital, Stamford.

Leishman Hospital

Infectious cases are admitted to the Peterborough Infectious Hospital under the Peterborough Hospital Management Committee.

TREATMENT CENTRES AND CLINICS

(a) Provided in the terms of the Peterborough County Council.

Child Welfare - Clinics

- |  |  |
|--|--|
| (a) The Maternal and Child Clinic,<br>Peterborough.<br>Tue & Wed Thursday<br>in the month.<br>2 - 4 p.m. | (b) The Child Development Clinic,<br>Wittering.<br>Tue & Wed Thursday<br>in the month.<br>2 - 4 p.m. |
|--|--|

Maternity Clinics

Provided under the General Practitioner Service of the National Health Act.

(b) Provided in the terms of the National Health Act.

Physiotherapy

Physiotherapy services are provided at the Child Clinic, Stamford Hospital, provided by the Peterborough and Stamford Hospital Management Committee.

Welfare Clinics

- |  |   |   |
|--|---|---|
| Stamford & Rutland Hospital                  | - | Tuesdays from 9.30 a.m.                   |
| Child Clinic, 1 Thorpe Road,<br>Peterborough | - | Wednesdays & Thursdays<br>by appointment. |

LABORATORY FACILITIES.

Bacteriological examinations are provided by the Public Health Laboratory, Memorial Hospital, Peterborough, under Dr. D.H. Fulton.

Examination of water samples and/or bacteriological specimens are made both at the request of the Public Health and National Health General Practitioner Services.

SANITARY CIRCUMSTANCES OF THE AREA.(a) Barnack Bore.

The Barnack supply has been mainly satisfactory in quantity and quality and tests have been taken throughout the year for bacteriological examination.

(b) Thornhaugh Springs.

The supply at source has been adequate, but periodical tests for bacteriological examination show that this supply is liable to surface contamination. Samples of chlorinated water have been mainly satisfactory.

Although it would appear that the amount of water available at source is from 60-80,000 gallons daily, the capacity of the ram pump was limited to approximately 10,000 gallons per day, and during the year, the work of installing a new 4" pumping main, direct from a pump house to be erected on the collecting area site, was commenced.

I would point out, however, that certain proposals to win iron-ore from a considerable area adjacent to the existing collecting area were disturbing, as I feel that these proposals, if carried out, could very well prejudice the quantity and/or quality of the water at source.

SECTION F. PREVALENCE OF AND CONTROL OVER INFECTIOUS & OTHER DISEASES.Food Poisoning.

No cases of food poisoning were reported.

Bad Bugs.

No cases reported.

Clean Food Campaign.

Model Byelaws for handling, wrapping and delivery of food sold, are in use in the district. Health Education leaflets are obtained from the County Medical Officer's Department.

National Assistance Act 1946.

No action necessary.

Details of other sanitary conditions, food inspection and housing, will be found in the following pages of the Sanitary Inspector's report.

## LABORATORY FACILITIES

Entomological examinations are provided by the Public Health Laboratory, General Hospital, Nottingham, under Dr. D. J. Wilson.

Examination of water samples and/or entomological specimens are made both at the request of the Public Health and National Health Service, Nottingham.

## ENTOMOLOGICAL SURVEILLANCE OF THE AREA

### (a) General Area

The District Survey has been mainly entomological in quantity and quality and results have been taken throughout the year for entomological surveillance.

### (b) Domestic Surveys

The survey of houses has been adequate, but particularly scarce for entomological surveillance when this survey is liable to various entomological. Samples of untreated water have been mainly satisfactory.

Although it would appear that the amount of water available at source is from 50-60,000 gallons daily, the capacity of the pump was limited to approximately 10,000 gallons per day, and during the year, the work of installing a new 4" pumping main, direct from a pump house to be erected on the collecting area also, was commenced.

I would point out, however, that certain proposals to via line-out from a considerable area adjacent to the existing collecting area were discussed, and I feel that these proposals, if carried out, would very well justify the quantity and/or quality of the water at source.

## SECTION 1. SURVEILLANCE OF AND CONTROL OVER DISTRICT & OTHER PREMISES

### Local Surveys

No cases of local poisoning were reported.

### Food Surveys

No cases reported.

### Chemical Surveys

Food samples for handling, weighing and delivery of food sold, are in the District. Health Education Institute are obtained from the County Council's Department.

### Entomological Surveys of Food

No action necessary.

Details of other entomological conditions, food poisoning and poisoning will be found in the following pages of the County Council's report.



BARNACK RURAL DISTRICT COUNCIL

ANNUAL REPORT

OF THE

SANITARY INSPECTOR, SURVEYOR AND WATER ENGINEER.

FOR THE YEAR 1955

Mr. Chairman, my Lord, Madam and Gentlemen,

I have pleasure in submitting my 5th Annual Report for the year ending 1955.

INSPECTIONS, COMPLAINTS AND NOTICES.

Inspections - 286      Re-visits - 320

38 informal notices were served under the Public Health Act, 1936, which necessitated the serving of 3 Abatement Notices, which had not been complied with at the end of the year.

HOUSING ACTS, 1936-1954.

4 properties were officially represented under Section 11 of the Housing Act, 1936 (as amended) as a result of which, undertakings were accepted by the Council to the effect that in the case of 2 vacant properties they would not be relet for human habitation, and in the case of a further 2 properties that they would not be relet for human habitation on vacation by present tenants.

In addition, informal action was taken as a result of which an undertaking was received from owners that 2 properties which had become vacant would not be relet until they were improved, and 7 dwellings and 1 shop, when vacated, would not be relet.

At the end of the year, I was in communication with the Agent to the Burghley Estate regarding the demolition of certain derelict and vacant properties at Wittering, and the clearance and tidying up of the sites.

During the year the Ministry approved the Council's intention to take action in respect of 55 houses in the area, scheduled for demolition in a 5 year period.

During the year, 3 applications for Improvement Grants were approved.

MILK REGULATIONS.

There are 7 distributors of milk in the district, and 12 supplementary licences for the retail sale of designated milks (T.T., Sterilised, and Pasteurised) in the district were issued.

There are no dairies in the district other than dairy farms.

A sample of Pasteurised milk taken from a retailer proved to be satisfactory.

FACTORIES AND WORKSHOPS.

The number of factories on the register at the end of the year was 15, the majority being small one-man businesses.

35 inspections were made during the year. One minor infringement of the Act was remedied, and in the case of another factory it was found that the sanitary conveniences were unsatisfactory.



ANNUAL REPORT

OF THE

SANITARY INSPECTOR, NEWARK AND WATER WORKS

FOR THE YEAR 1904

Mr. G. H. N. my Lord, Mayor and Gentlemen,

I have pleasure in submitting my 5th Annual Report for the year ending 1904.

INSPECTIONS, COMPLAINTS AND NOTICES.

Inspections - 2000 Complaints - 200

52 informal notices were served under the Public Health Act, 1903, which necessitated the serving of 2 Sanitary Notices, which had not been complied with at the end of the year.

HOUSEHOLDERS, 1903-1904.

A proposition was submitted by representatives under Section 11 of the Housing Act, 1903 (as amended) as a result of which, arrangements were suggested by the Council to the effect that in the case of 2 recent properties they would not be taken for human habitation, and in the case of a further 2 properties that they would not be taken for human habitation on vacation by present tenants.

In addition, informal action was taken as a result of which an undertaking was received from owners that 2 properties which had become vacant would not be taken until they were improved, and 2 buildings and 1 shop, when vacated, would not be taken.

At the end of the year, I was in communication with the Agents for the Newark Estate regarding the 2 addition of certain buildings and vacant premises at Newark, and the alterations and repairs of the same.

During the year the Ministry approved the Council's intention to take action in respect of 25 houses in the area, estimated for completion in a 5 year period.

During the year, 5 applications for improvement of streets were approved.

NEW BUILDINGS.

There were 2 applications of milk in the district, and in respect of 2 applications for the retail sale of milk in the district, and 2 applications, and 2 applications in the district were issued.

There are no dairies in the district since 1894.

A number of dairies have been taken from a public house to be reconstructed.

PAVING AND ROADS.

The number of pavements on the roads in the district at the end of the year was 10, the majority being newly constructed.

52 improvements were made during the year, and 2 applications for the improvement of the roads in the district were issued.

A complaint relating to excessive noise emanating from a factory was investigated, and with the co-operation of the manager, was abated.

No 'outworkers lists' were received during the year.

#### SHOPS ACTS.

There are 12 shops in the district, and during the year the usual periodical inspections were made. There is nothing special to report, apart from the condition of one shop, which was receiving my attention at the end of the year.

#### REGISTERED FOOD PREMISES.

A further application for the registration of premises was approved for the storage and sale of ice-cream, making a total of 10 such premises on the register. All ice-cream is sold in pre-packed containers, and no ice-cream or 'lolly-pops' are actually manufactured on these premises.

#### CONDEMNATION OF FOOD.

No food was condemned during the year.

#### SLAUGHTER HOUSES AND KNACKERS YARDS.

There are none in use in the district. A slaughterman's license was issued to a resident in the district.

#### RAG FLOCK ACT, 1951.

No such premises are registered in the district.

#### INFECTIOUS DISEASES AND DISINFECTIONS.

The necessary investigations and terminal disinfections of sick-rooms were carried out in three cases of Scarlet Fever. One disinfection of premises and steam disinfection of bedding, clothes, etc., was carried out after a case of T.B.

#### PREVENTION OF DAMAGE BY PESTS ACT.

Once again I have to report that the scheme whereby a part-time rodent operator has been employed in conjunction with four adjoining authorities has again worked well, except possibly for the survey and treatment of farm premises.

The Council's various Sewage Disposal Units in the area were periodically treated, and all complaints of rodent or mice infestation in the district were investigated and treatment given.

#### DRAINAGE AND SEWAGE DISPOSAL.

##### (a) Pilsgate, Barnack, Bainton and Ufford.

During the year it was apparent that the cost of the drainage scheme linking up with a scheme being prepared by the Peterborough Rural District Council was prohibitive, with the result that at the end of the year a revised scheme was being prepared, incorporating a separate Sewage Disposal Unit in the Bainton area, with its out-fall to the River Welland.

##### (b) St. Martins and Wothorpe.

At the end of the year tenders were being invited for the work in the sewerage of these 2 Parishes into the Stamford Borough system.





(c) Wittering.

Additional sludge drying beds and certain modifications of the existing sludge drying beds, with an additional filter bed, were completed during the year, to take the drainage from the additional houses in course of erection and for future building in Wittering.

A new 6" sewer was laid to take the drainage of 24 additional R.A.F. Quarters, and at the end of the year a 6" drain was being laid in the village street.

On several occasions blockages occurred in the drains and sewers of the R.A.F. Quarters off Church Road, Wittering, and trouble was experienced at the Sewage Disposal Works when these blockages were freed.

(d) General.

Once again the small Sewage Disposal Unit taking discharges from Council Houses in Wansford, Thornhaugh, Pilsgate, Barnack, Ufford and Wittering continued to be maintained during the year, and in addition the dykes taking the effluent from the Sewage Disposal Units at Orchard Road and Uffington Road were cleaned out.

NIGHT-SOIL COLLECTION.

The weekly collection of night-soil by direct labour from all the villages in the area was again satisfactory, but I should point out as I have done on previous occasions, that one must appreciate it is inevitable that the scheme might tend to break down in the case of sickness or holidays of, or taken by, the Council's sole operator.

REFUSE COLLECTION.

The fortnightly collection of domestic refuse in the district, carried out by contract, proved again to be quite satisfactory.

WATER SUPPLIES.

(a) Wansford and Thornhaugh.

Towards the latter part of the year, a new 4" pumping main was laid from the collecting chamber at the Leicester Road springs, joining with the existing 5" main at Wittering, the intention being to instal a 20,000 gallon pumping sump, with the necessary pump-house, within the collecting chamber area, and thus doing away with the hydram with its limited pumping capacity of approximately 10,000 gallons per day.

A further application made on behalf of a company for the winning of iron-ore in an area which is only 150 yards away from the collecting area was disturbing, as these mining operations so near to the collecting area might very well prejudice the quantity and/or quality of the water at source.

During the year a quantity of 3,496,500 gallons was passed through the distribution main, compared with 3,252,000 gallons last year.

Once again certain repairs were carried out to the ram pump and the chlorinator, and in addition a length of distribution pipe to the oil chamber was cleansed of impeding weeds.

(b) Barnack supply.

During the year the work of installing a new 5" pumping main, and the installation of a new 13 h.p. electrical pump, displacing the existing 4½ h.p. electrical pump, was completed.



(c) Watering

Additional sludge drying beds and certain modifications of the existing sludge drying beds, with an additional filter bed, were completed during the year. To take the drainage from the additional houses in course of erection and for future building in watering.

A new 6" sewer was laid to take the drainage of 24 additional houses, and at the end of the year a 6" drain was being laid in the village street.

On several occasions blockages occurred in the drains and sewers of the N.E. Quarter off Church Road, Watering, and trouble was experienced at the sewage disposal works when these blockages were traced.

(d) General

Once again the small sewage disposal plant existing since 1905 at the N.E. Quarter off Church Road, Watering, and in addition the drains taking the effluent from the sewage disposal plant at Ormeau Road and Watering Road were cleared out.

WATER SUPPLY

The weekly collection of night-soil by direct labour from all the villages in the area was again satisfactory, but I should point out that I have found on previous occasions, that one must appreciate it is satisfactory that the volume might tend to be small in the case of sickness or holidays of, or taken by, the Council's sole collector.

WATER SUPPLY

The fortnightly collection of domestic refuse in the district, carried out by contract, proved again to be quite satisfactory.

WATER SUPPLY

(a) Watering and Drainage

Towards the latter part of the year, a new 6" drainage main was laid from the collecting chamber at the Watering Road station, joining with the existing 6" main at Watering, the intention being to install a 12" 1000' and for pumping main, with the necessary pump-house, within the collecting chamber area, and then doing away with the system with the limited pumping capacity of approximately 10,000 gallons per day.

A further application made on behalf of a company for the winding of a main in an area which is only 150 yards away from the collecting area was declined, as these mining operations are near to the collecting area and will reduce the quantity and/or quality of the water at source.

During the year a quantity of 3,445,000 gallons was pumped through the Watering main, compared with 3,330,000 gallons last year.

Once again certain repairs were carried out to the two pumps and the Watering main, and in addition a 12" 1000' drainage pipe to the old chamber was cleaned of blocking matter.

(b) Watering and Drainage

During the year the work of installing a new 6" drainage main, and the installation of a new 12" 1000' drainage pipe, situated at the Watering Road station, was completed.

10,256,000 gallons were pumped from the bore to the elevated tank at Pilsgate, compared with 9,618,000 gallons in the previous year. Once again I would advise the Council that it would be expedient to go into the question of whether the 15,000 gallon storage tank at Pilsgate is large enough for the needs of Pilsgate, Barnack, Bainton, Ashton, Ufford and Southorpe, especially in view of the fact of the impending Barnack and District sewerage scheme.

(c) Wittering supply.

Wittering is supplied with water in bulk from the Stamford Waterworks, but this supply will be augmented in due course with water pumped from the Leicester Road springs at Thornhaugh.

During the year the new 28,000 gallon tank at Wittering was at last made water-tight, but at odd periods some water was going to waste through the over-flow, discharging direct into the ground, due to the fact that the valve in the tank was not holding. This fault was remedied, and the over-flow pipe from the tank was re-adjusted to discharge at ground level away from the base of the tank.

4,128,000 gallons of water were consumed from the Bonemills supply during the year, compared with 2,387,000 in the previous year.

(d) St. Martins and Wothorpe.

Stamford Waterworks are the Statutory water undertaking for these 2 Parishes.

(e) Water Samples.

33 samples of water were taken during the year for bacteriological examination, results of which are as follows:-

	Number	<u>Classification of Results</u>			
	1				
taken.	1	2	3	4	
<hr/>					
<u>Barnack Public Supply</u>					
Before chlorination	8	4	2	-	2
After chlorination	6	6	-	-	-
<u>Thornhaugh Public Supply</u>					
Before chlorination	13	5	-	2	6
After chlorination	6	5	-	-	1
<hr/>					
	33	20	2	2	9

NOTE.

Ministry of Health Standard of Purity for drinking water is as follows:-

	<u>Presumptive Coli</u> <u>per 100 ml.</u>
Class 1. Highly Satisfactory	Less than 1.
Class 2. Satisfactory	1 - 2
Class 3. Suspicious	3 - 10
Class 4. Unsatisfactory	Greater than 10.





(f) New Connections.

The following 14 connections (8 last year) were made to the Council's mains to serve 9 new Council Houses, 7 new private houses, drinking troughs, 1 conversion, and 1 improved supply to a school.

Wittering	2	Wansford	3
Ufford	5	Thornhaugh	1
Bainton	2	Barnack	1

In addition, 53 connections were made by the contractors for serving the 2nd Phase R.A.F. Housing (96 houses) in Wittering, at the same time as the remainder of the new 3" mains were laid.

COUNCIL HOUSE BUILDING.

The 2nd block of 4 houses was completed at St. Martins. The first scheme of 15 houses was completed at Wittering, and the 2nd scheme of 11 houses was commenced during the year.

The year under review has again indicated that a larger proportion of 1- and possibly 2- bedroomed bungalows are required for elderly people and couples without children.

Certain minor repairs are carried out by Council workmen, and other repairs and improvements by building contractors.

During the year external painting was carried out to 24 houses in Wansford and 4 at Thornhaugh. Obsolete types of ranges were taken out and new parlour-type grates, with certain alterations in plumbing, etc., were installed in 6 houses at Pilsgate and 23 houses at Wittering.

There is a definite need throughout the District either for the provision of garages, or for the provision of land upon which garages may be erected for cars belonging to a large number of tenants of Council Houses.

In conclusion, once again I should like to express my thanks to the Chairman and Members of the Council for the consideration and help given me during the year, and to my fellow officers for their co-operation.

I am,  
Sir, my Lord, Madam and Gentlemen,  
Your obedient servant,

D. WARD GRIFFITHS.

(M.R.San.I., M.S.I.A.)

The following is a summary of the work done in the  
Department of the Interior, Bureau of Land Management,  
during the year ending June 30, 1911.

Surveying	1
Mapping	1
Engineering	1
Geology	1
Mineralogy	1
Botany	1
Zoology	1
Archaeology	1
Anthropology	1
History	1
Law	1
Education	1
Public Health	1
Statistics	1
Administration	1

In addition, 55 commissions were made by the Department for  
the purpose of securing information regarding the land  
resources of the various States and Territories.

REPORT OF THE COMMISSIONERS

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second object was to determine the land resources of the  
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