

[Report 1960] / Medical Officer of Health, Barnack R.D.C.

Contributors

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BARNACK RURAL DISTRICT COUNCIL.

ANNUAL REPORT OF THE MEDICAL OFFICER OF HEALTH.

FOR THE YEAR 1960.

To which is added

The Annual Report of the

SURVEYOR AND PUBLIC HEALTH INSPECTOR.



Public Health Officers of the Authority :-

Medical Officer of Health

Dr. D. McKnight, M.B., B.S.,
D.C.H., D.P.H.

Public Health Inspector and Surveyor.

D. Ward Griffiths, M.R.S.H.,
M.A.P.H.I.

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Council Offices,
Broad Street,
Stamford,
Lincs.

Tel. No. Stamford 2086.

December, 1961.

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

My Lord, Ladies and Gentlemen,

I have the honour to present the Annual Report of the Medical Officer of Health for the year 1960.

Once again I am pleased to report that the general health of the District has been good.

The birth rate was 15.4 compared with 17.1 for England and Wales.

The death rate 6.1 compared with 11.5 for England and Wales. As in 1959 this death rate is very much lower than in England and Wales generally.

As a result of 4 deaths in babies our infant mortality rate is high at 51.2 per thousand live births, as will be seen from the body of the report. All these deaths occurred in the first week of life, 3 from prematurity and malformation.

We have had no maternal deaths in the year.

Apart from seven cases of Tuberculosis, six of which occurred at R.A.F. Station, Wittering we have had very little infectious diseases during the year and fortunately no cases of Poliomyelitis.

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

DIANA McKNIGHT.

MEDICAL OFFICER OF HEALTH.

General Officer,
General Staff,
General Staff,
London.

Dear Sir,

December, 1901.

To the Chairman and Members of the
General Staff Committee.

My Lord, Ladies and Gentlemen,

I have the honor to present the Annual Report of the
General Staff Committee for the year 1901.

Once again I am pleased to report that the general health of the
General Staff Committee has been good.

The death rate was 12.5 compared with 17.1 for England and Wales.

The death rate was 6.1 compared with 11.2 for England and Wales. In
1900 the death rate was very much lower than in England and Wales.
Generally,

as a result of a number of deaths in India our infant mortality rate is
high at 21.5 per thousand live births, as will be seen from the
of the report. All these figures are given in the first week of life.
I have, therefore, no hesitation in

no more than an average death in the year.

about four cases of tuberculosis, six of which occurred at
A. F. Station. During the year we had very little infectious disease
during the year and fortunately no cases of typhoid.

I am, my Lord, Ladies and Gentlemen,
Your obedient servant,

W. H. H. H.

General Officer of Staff.

SECTION A. STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area	15,256 acres.
Population estimated mid 1900	5,040
Number of inhabited houses from Rate Book.	819 + R.A.F. Houses.
Rateable Value	55,333
Sum Represented by Penny Rate	£235 11s. 10d.

EXTRACT FROM VITAL STATISTICS FOR THE YEAR.ENGLAND & WALES.Live Births.

	<u>M.</u>	<u>F.</u>	<u>Total.</u>
Leg.	40	34	74
Ill.	1	3	4
Total.	41	37	78.

Live Birth Rate per 1,000
Population.

15.4

17.1

Still-births.

Leg.	3
Ill.	0

Still-birth rate per 1,000
Live and still-births.

37.0

Infant Deaths.

	<u>M.</u>	<u>F.</u>	<u>Total.</u>
Leg.	2	1	3
Ill.	1	-	1
Total.	3	1	4

Infant mortality rate per
1,000 live births : total.

51.2

21.9

Infant mortality rate per
1,000 live births : Legitimate.

40.5

Infant mortality rate per
1,000 live births : Illegitimate.

250

Early Neonatal Mortality Rate.

51.2

Neonatal Mortality Rate.

51.2

Perinatal Mortality Rate
per 1,000 live & Stillbirths.

86.4

Maternal Deaths.

0.0

Maternal mortality rate per
1,000 live and still-births.

0.0

International statistical classification of diseases.INJURIES AND CAUSES OF DEATHS.

	<u>Male.</u>	<u>Female.</u>
Tuberculosis respiratory	-	-
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	1	-
Malignant neoplasm of uterus	-	-
Other malignant & lymphatic neoplasm	2	-
Leukaemia & Aleukaemia	-	-
Diabetes	-	-
Vascular lesions of nervous system	2	1
Coronary diseases	4	-
Hypertension with heart disease	1	-
Other heart diseases	4	1
Other circulatory diseases	-	1
Influenza	-	-
Pneumonia	-	1
Bronchitis	-	-
Other Diseases Respiratory system	-	-
Ulcer of stomach and duodenum	-	-
Gastritis, Enteritis & Diarrhoea	-	-
Nephritis & Nephrosis	-	-
Hyperplasia of Prostate	-	-
Pregnancy, Childbirth & Abortion	-	-
Congenital malformation	1	1
Other defined and ill defined diseases	3	2
Motor Vehicle accidents	1	-
All other accidents	5	-
Suicide	-	-
Homicide & Operations of War.	-	-
	<u>24</u>	<u>7</u>

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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	5 - 9 months	9 - 12 months	Total under 1 year.
Premature Birth and Malformation etc.	3				3					3
Pneumonia and Bronchitis Enteritis and Diarrhoea										
Peritonitis										
Other Causes	1				1					1
TOTAL.	4				4					4

ANALYSIS OF CASES OF INFECTIOUS DISEASES AND DEATHS THEREFROM.

	Total cases notified	Cases Admitted to Hospital	Total Deaths.
Scarlet Fever	7	-	-
Pneumonia	4	-	-
Acute Poliomyelitis	-	-	-
Measles	7	-	-
Dysentery	-	-	-
Whooping Cough	1	-	-
Food Poisoning	1	-	-
Erysipelas.	-	-	-
TOTAL.	20	-	-

NAME	AGE	EDUCATION	RELIGION	POLITICAL	RESIDENCE	DATE
John A. Smith	35	High School	Methodist	Republican	New York City	1898
John B. Smith	32	High School	Methodist	Republican	New York City	1898
John C. Smith	30	High School	Methodist	Republican	New York City	1898
John D. Smith	28	High School	Methodist	Republican	New York City	1898
John E. Smith	25	High School	Methodist	Republican	New York City	1898
John F. Smith	22	High School	Methodist	Republican	New York City	1898
John G. Smith	20	High School	Methodist	Republican	New York City	1898
John H. Smith	18	High School	Methodist	Republican	New York City	1898
John I. Smith	16	High School	Methodist	Republican	New York City	1898
John J. Smith	14	High School	Methodist	Republican	New York City	1898
John K. Smith	12	High School	Methodist	Republican	New York City	1898
John L. Smith	10	High School	Methodist	Republican	New York City	1898
John M. Smith	8	High School	Methodist	Republican	New York City	1898
John N. Smith	6	High School	Methodist	Republican	New York City	1898
John O. Smith	4	High School	Methodist	Republican	New York City	1898
John P. Smith	2	High School	Methodist	Republican	New York City	1898
John Q. Smith	1	High School	Methodist	Republican	New York City	1898
John R. Smith	0	High School	Methodist	Republican	New York City	1898

TABLE OF THE STATE OF NEW YORK, SENATE, JANUARY 1, 1902.

NAME	AGE	EDUCATION	RELIGION	POLITICAL	RESIDENCE	DATE
John A. Smith	35	High School	Methodist	Republican	New York City	1898
John B. Smith	32	High School	Methodist	Republican	New York City	1898
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John E. Smith	25	High School	Methodist	Republican	New York City	1898
John F. Smith	22	High School	Methodist	Republican	New York City	1898
John G. Smith	20	High School	Methodist	Republican	New York City	1898
John H. Smith	18	High School	Methodist	Republican	New York City	1898
John I. Smith	16	High School	Methodist	Republican	New York City	1898
John J. Smith	14	High School	Methodist	Republican	New York City	1898
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John M. Smith	8	High School	Methodist	Republican	New York City	1898
John N. Smith	6	High School	Methodist	Republican	New York City	1898
John O. Smith	4	High School	Methodist	Republican	New York City	1898
John P. Smith	2	High School	Methodist	Republican	New York City	1898
John Q. Smith	1	High School	Methodist	Republican	New York City	1898
John R. Smith	0	High School	Methodist	Republican	New York City	1898

AGE DISTRIBUTION OF THE NOTIFIED INFECTIOUS DISEASES.

	Under-1 Year	1 Year.	2 Years.	3 "	4 "	5 - 9	10 - 14	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 64	Over 65 "	Total.
Scarlet Fever	-	-	-	1	-	5	-	1	-	-	-	-	-	1	7
Pneumonia	-	-	-	-	-	1	1	-	-	-	1	-	-	1	4
Acute Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	1	-	-	1	-	4	1	-	-	-	-	-	-	-	7
Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Whooping Cough	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1
Food Poisoning	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1
Erysipelas	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total.	1	1	-	2	-	10	2	1	1	-	1	-	-	1	20

TUBERCULOSIS.

	Deaths during 1960.				New cases during 1960.			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M	F	M	F	M	F	M	F
0 - 1 years								
1 - 5 "								
5 - 15 "								
15 - 25 "					3			
25 - 35 "					2		1	
35 - 45 "					2			
45 - 55 "								
55 - 65 "								
Over 65 "								
Total.					7		1	

New cases notified during 1959 = 1.
New cases notified during 1960 = 7.

FACTORY ACT, 1937 PART 1 OF THE ACT.

1. Inspection for purposes of provision as to health
(including inspections made by the Public Health Inspector).

	Number on Register	Inspections	Number of Written Notices	Occupiers Prosecuted.
(1) Factories in which sections 1,2,3, 4 and 6 are to be enforced by Local Authorities	2	4		
(II) Factories not included in (1) in which section 7 is enforced by the Local Authority.	7	16		
(III) Other premises in which Section 7 is enforced by the local Authority (excluding out- workers premises).	5	5		
TOTAL.	14	25		

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	Referred		
			To H.M. Inspector	By H.M. Inspector	
Want of Cleanliness	1	1			
Overcrowding					
Unreasonable temperature					
Inadequate ventilation					
Ineffective drainage of floors					
Sanitary Conveniences					
(a) insufficient					
(b) unsuitable or defective					
(c) not separate for sexes.					
Other offences against the Act (not including offences relating to Outwork).					
Total.	1	1			

1. The following table shows the number of persons in the United States, by race, sex, and age, in 1911.

Age	Sex	Race	Number of persons	
			White	Colored
Under 15	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
15 to 24	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
25 to 34	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
35 to 44	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
45 to 54	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
55 to 64	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
65 to 74	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
75 to 84	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
85 and over	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
Total		White	10,000,000	5,000,000
Total		Colored	5,000,000	5,000,000

2. The following table shows the number of persons in the United States, by race, sex, and age, in 1911.

3. The following table shows the number of persons in the United States, by race, sex, and age, in 1911.

Age	Sex	Race	Number of persons	
			White	Colored
Under 15	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
15 to 24	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
25 to 34	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
35 to 44	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
45 to 54	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
55 to 64	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
65 to 74	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
75 to 84	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
85 and over	Male	White	1,000,000	500,000
	Female	White	1,000,000	500,000
Total		White	10,000,000	5,000,000
Total		Colored	5,000,000	5,000,000

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

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

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 Village Hall,
Barnack. | 1st Wednesday & 3rd Thursday
in the month, in the afternoon. |
| (b) The Sick Quarters, R.A.F. Station
Wittering. | 1st & 3rd Wednesday in the
month, in afternoon. |

Diphtheria Immunisation.

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

(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 and Rutland Hospital.

Tuesday and Friday.

Chest Clinic, 1 Thorpe Road,
Peterborough.

Old cases
Monday, Wednesday & Friday.

New cases
Tuesday and Friday.

BARNACK RURAL DISTRICT COUNCIL.

ANNUAL REPORT.

OF THE

PUBLIC HEALTH INSPECTOR, SURVEYOR AND WATER ENGINEER.

FOR THE YEAR 1960.

My Lord, Ladies and Gentlemen,

I have pleasure in submitting my 10th Annual Report for the year ended 1960.

STATEMENT OF INSPECTIONS AND VISITS.

Water Supplies	83
Refuse Collection and Disposal	45
Drainage and Sewage Disposal	128
Factories and Workshops	25
Housing (other than Council Houses)	91
Council House Maintenance	350
Building	302
Infectious Diseases	6
Food Preparation (including school kitchens)	25
Miscellaneous	60
	<u>1115</u>

HOUSING AND PUBLIC HEALTH ACTS.

7 unfit houses were closed during the year, tenants of 6 of them being rehoused by the Council. The condition of 4 further houses was reported to Council with the result that undertakings were given by the owners not to be relet on vacation by present tenants.

During the year the remainder of the 14 houses in the Newtown Clearance Order were vacated, the tenants being rehoused by the Council.

19 houses were repaired (34 last year) as a result of informal action.

IMPROVEMENT GRANTS.

6 Applications, involving 7 properties, for Discretionary Improvement Grants were approved to the value of £1990.

A further 7 applications for Standard Grants to the value of £660 were also approved.

FACTORIES AND WORKSHOPS.

The number of factories registered during the year was 14 (15 last year) the majority being small one-man businesses. Only 1 contravention of the Factories Acts (want of cleanliness) was found and this was remedied.

MILK REGULATIONS.

The number of distributors of milk (5) and dealers (2) remain the same as last year as does the number of supplementary licences issued for designated milks. (13).

SHOPS ACT.

The number of shops in the District is 12. Periodical inspections have been made and there is nothing exceptional to report except a further warning was given to one shopkeeper because of dirty premises.

REGISTERED FOOD PREMISES.

There are 8 premises (7 previous year) registered for the storage and sale of ice-cream. All ice-cream retailed in the District is sold in pre-packed containers.

Periodical inspections of food premises including School kitchens were carried out during the year. With 1 exception, these premises were found to be generally satisfactory apart from minor items. No prosecutions were instituted during the year under the Food and Drugs Act and the Food Hygiene Regulations.

SLAUGHTER HOUSES AND KNACKERS YARDS.

There are none in the District.

RAG FLOCK ACT 1951.

No premises are registered in the District.

PET ANIMALS ACT.

No such premises are licensed in the District.

PREVENTION OF DAMAGE BY PESTS ACT.

A scheme whereby a part-time Rodent Operator is employed in conjunction with 4 adjoining authorities has again proved to be generally satisfactory. The following inspections and treatments were made during the year :-

<u>Inspections</u>	Local Authority	19	
	Private Dwellings	186	
	Agricultural Premises	<u>11</u>	
		206	
<u>Treatments</u>	Local Authority	46	
	Private Dwelling	<u>63</u>	
		109	
			TOTAL 315.

Various Sewage Disposal Works and certain lengths of public sewers were again periodically inspected and treated.

All complaints of rodent infestation received during the year were investigated and the necessary free treatment given wherever necessary.

INFECTIOUS DISEASES AND DISINFECTION.

5 cases of Scarlet Fever and 1 of Tuberculosis were investigated during the year. One terminal disinfection only was carried out.

DRAINAGE AND SEWAGE DISPOSAL.(a) Pilsgate, Barnack, Bainton, Ufford.

During the year this scheme, commenced in April 1959, progressed satisfactorily.

An inspection of the scheme and works in progress was made in August by an Engineering Inspector of the Ministry of Housing and Local Government.

REPORT

The number of shops in the District is 15. Periodical inspections have been made and there is nothing exceptional to report except a further warning was given to one shopkeeper because of dirty premises.

REGISTERED PREMISES

There are 5 premises (7 previous year) registered for the storage and sale of ice-cream. All ice-cream retained in the District is sold in pre-packed containers.

Periodical inspection of food premises including shops, restaurants, canteens and during the year. With 1 exception, these premises were found to be generally satisfactory apart from minor items. No prosecutions were instituted during the year under the Food and Drugs Act and the Food Hygiene Regulations.

REGISTERED MEATS AND MEATWORK YARDS

There are none in the District.

AND FISH ACT 1926

No premises are registered in the District.

THE ANIMALS ACT

No such premises are licensed in the District.

REGISTRATION OF DOGS IN 1955

A return showing a post-war increase in the number of dogs registered with a voluntary association has again proved to be generally satisfactory. The following statistics and comments were made during the year:-

1955		1954	
12	Local Authority	10	Local Authority
120	Private Owners	110	Private Owners
132	Unregistered	120	Unregistered
144	Total	240	Total

Further checks during the year and certain lapses of public owners were again satisfactorily remedied and avoided.

All complaints of rabies infection received during the year were investigated and the necessary treatment applied where necessary.

REGISTERED PREMISES AND INSPECTIONS

2 cases of infected food and 1 of infestation were investigated during the year. The infected infestation only was carried out.

REGISTERED PREMISES AND INSPECTIONS

(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r) (s) (t) (u) (v) (w) (x) (y) (z)

During the year this survey, commenced in April 1955, was completed.

As a result of the survey and other measures taken in regard to an increasing number of cases of infestation and local infestations.

(b) St. Martin Without and Wothorpe.

During the year certain blockages occurred in the Wothorpe ejector, and these were promptly cleared.

(c) Wittering.

A further 3 samples of sewage effluent were taken, 2 of which were unsatisfactory.

Further experiments were carried out in sludge/straw composting.

Due to further Air Ministry development the Council's Consulting Engineers were preparing plans at the end of the year for the enlarging of these works, which would be carried out under Air Ministry Contract. These plans included the provision of sludge - straw compost bays.

Once again I had to impress on persons concerned the danger of children trespassing within the boundary fence of the Works.

(d) General.

The small sewerage disposal units taking discharges from groups of Council houses at Thornhaugh, Wansford, Pilsgate, Barnack and Ufford, continued to be maintained during the year and all settlement tanks were emptied periodically.

2 Samples of sewage effluent from the Wansford works were taken, 1 of which was satisfactory.

PUBLIC. CLEANSING.(a) Refuse Collection.

Due to certain difficulties being experienced by the Refuse Contractor in March I reported to Council on the advantages of a direct labour scheme. On 3rd October such a scheme was instituted on a weekly basis instead of the former fortnightly collection. A 16/18 cu. yd. fore and aft tip refuse vehicle was purchased at the cost of £2685 and by the incorporation of a water tight rear door it was possible to combine to some extent the collection of nightsoil from the District. The number of nightsoil containers to be collected will of course decrease when the Pilsgate, Barnack, Ashton, Bainton and Ufford, sewerage scheme is completed.

A suitable tip was eventually obtained, the use of which was approved by the County Planning Committee subject to certain conditions, and from the outset "controlled tipping" was adopted.

At the end of the year the new scheme was working well, with the employment of a loader/driver and assistant.

Towards the end of the year an application was received from the Air Ministry for the collection of domestic refuse from R.A.F. Properties at Wittering and this was being investigated at the end of the year.

(b) Litter Bins.

During the year further litter bins were provided in the District.

(b) General Information

A brief of the year's activities is given in the summary report, and these are given in detail.

(c) Summary

A brief of the year's activities is given in the summary report, and these are given in detail.

Further information is given in the summary report, and these are given in detail.

The following is a brief of the year's activities, and these are given in detail.

Further information is given in the summary report, and these are given in detail.

(d) Summary

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Further information is given in the summary report, and these are given in detail.

(e) Summary

(f) Summary

The following is a brief of the year's activities, and these are given in detail.

Further information is given in the summary report, and these are given in detail.

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(g) Summary

Further information is given in the summary report, and these are given in detail.

WATER SUPPLY.(a) Wansford, Thornhaugh and Wittering.

The water supply for these villages is derived from outcropping springs within a spring collecting area at Leicester Road, Thornhaugh. It comprises of a 20,000 galls. pumping sump and pumphouse, water being pumped through a 4" rising main to a 28,800 galls. elevated tank at Wittering with a branch connection to the 10,000 galls. tank at Thornhaugh. A G.P.O. line connects automatic transmitters between the pumphouse and the Wittering tank.

During the year a total of 22,564,500 galls. were taken from the Thornhaugh source, 18,221,490 galls. being consumed at Wittering and 4,343,010 galls. at Thornhaugh and Wansford. A comparison of consumption figures with previous years is given.

Consumed at	1957	1958	1959	1960
THORNHAUGH and WANSFORD	4,925,000	5,092,520	4,278,030	4,343,010
WITTERING (from Thornhaugh)	3,583,000	7,556,280	16,341,000	18,221,490
(from Stamford Waterworks)	1,851,000	15,000	11,000	-
Total WITTERING	5,434,000	7,571,280	16,352,000	18,221,490
Total from THORNHAUGH sources.	8,508,000	12,648,800	20,619,000	22,564,500

During the year, 6,845,000 galls. were consumed by the R.A.F. Camp Wittering compared with 5,800,000 galls in 1959.

It will be observed from the foregoing table that consumption figures continue to rise.

This scheme has again worked well but during certain peak periods, the intervening consumption from the pumping - distribution main at Wittering prevented the filling of the Wittering tank during the day.

In September an electricity failure occurred due to workmen engaged on the A1. road improvement cutting an underground cable resulting in a shortage of water in the District for several hours.

Approx 500 ft. of 4" pumping main was relaid in a new line by Air Ministry Contractors when a new road required for further R.A.F. Development was constructed at Wittering.

The pumps and electrical equipment etc. in the Thornhaugh Pumphouse were checked and overhauled by an electrical engineer at the end of the year. Adjustments were also made to the large ball valve in the Thornhaugh Reservoir.

(b) Barnack Water Supply.

This supply is derived from the Lincolnshire Limestone and involves the pumping of water from a deep bore at Barnack to an elevated 15,000 galls tank at Pilsgate and thence by gravity to the Barnack side of the District.

Certain electrical faults and starter etc. troubles were experienced during the year and these were attended to.

WATER SUPPLY

(a) WATER SUPPLY FROM THE DISTRICT

The water supply for these villages is derived from outcropping springs within a large collecting area at Leicester Road, Thornborough. It comprises of a 10,000 gallon pumping pump and mainline, water being pumped through a 10,000 gallon tank at Leicester Road, Thornborough. A D.P.O. line connects the 10,000 gallon tank at Leicester Road, Thornborough to the 10,000 gallon tank at Thornborough. Automatic transmission between the pump and the 10,000 gallon tank.

During the year a total of 25,444,000 gallons were taken from the Thornborough source, 18,221,100 gallons being consumed at Leicester and 7,223,000 gallons at Thornborough and Wetherby. A comparison of consumption figures with previous years is given.

Consumed at	1957	1958	1959	1960
LEICESTER ROAD	1,922,000	2,092,200	1,828,000	1,843,000
WETHERBY	1,821,000	1,821,000	1,821,000	1,821,100
THORNBOROUGH	1,821,000	1,821,000	1,821,000	1,821,100
TOTAL WETHERBY	1,821,000	1,821,000	1,821,000	1,821,100
TOTAL FROM THORNBOROUGH	3,743,000	3,743,000	3,743,000	3,743,000

During the year, 6,845,000 gallons were consumed by the R.A.F. Camp. Wetherby consumed 1,821,000 gallons in 1957.

It will be observed from the foregoing table that consumption figures remained low.

This scheme has again worked well but during certain peak periods, the distribution of water from the pumping - distribution main at Wetherby prevented the filling of the 10,000 gallon tank during the day.

In September an electrical failure occurred due to a broken cable on the 10,000 gallon tank at Wetherby. This was repaired and a new cable installed in a trench of water in the district for several hours.

A 10,000 ft. of 1" pumping main was laid in a new line by the R.A.F. Camp. This was done when a new road was laid for the R.A.F. Camp and connected to Wetherby.

The pump and electrical equipment at the Thornborough Pumping Station was overhauled by an electrical engineer at the end of the year. Repairs were also made to the 10,000 gallon tank at Wetherby.

WATER SUPPLY FROM THE DISTRICT

The water supply is derived from the Lincolnshire Limestone and involves pumping of water from a deep well at Wetherby to an elevated 10,000 gallon tank at Leicester Road, Thornborough. A D.P.O. line connects the 10,000 gallon tank at Wetherby to the 10,000 gallon tank at Leicester Road, Thornborough.

During the year, 6,845,000 gallons were consumed by the R.A.F. Camp. Wetherby consumed 1,821,000 gallons in 1957.

(d) Water Samples

A total of 22 samples of water were taken for bacteriological examination, 16 of which were from the Council's Barnack and Thornhaugh public supplies, results of which are as follows.

	<u>Number Taken</u>	<u>Classification of Results</u>			
		1	2	3	4
<u>Barnack Public Supply</u>					
Before Chlorination	4	4			
After Chlorination	4	4			
<u>Thornhaugh Public Supply</u>					
Before Chlorination	4	4			
After Chlorination	4	4			
	16	16			

NOTE:

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

Presumptive Coli per 100 ml.

Class 1.	Highly Satisfactory	Less than 1
Class 2.	Satisfactory	1 - 2
Class 3.	Suspicious	3 - 10
Class 4.	Unsatisfactory	Greater than 10

Once again, it is gratifying to record that all the samples taken from the Council's supplies proved to be satisfactory.

In addition, the following samples were taken:-

Well, Ufford Hall. 2 samples with excellent results.

Tap, Wothorpe Nursery, Bungalow. 3 samples taken from a well supply of water proved to be satisfactory.

Sibberton Lodge Farm. 1 sample proved to be excellent.

(e) New Connections

10 new connections (5 last year) were made to the Council's Water Mains for 8 new dwellings, 5 existing dwellings, 1 farmhouse and 2 agricultural supplies.

(f) Bursts

3 bursts on water mains occurred in the District during the year (6 last year) and these were promptly attended to by your workmen.

BUILDING BYELAWS

40 plans (17 last year) were deposited and approved under the Council's Building Byelaws.

Conversion Adaptations and Improvements	13
New Dwellings (including 12 Council Houses)	24
Private Garages	52
Additional Class Rooms	2
Concrete Bus Shelter	1

A total of 22 samples of water were taken for bacteriological examination, 10 of which were from the Council's District and 12 from private supplies, results of which are as follows.

Classification of Samples	Number Taken			
	1	2	3	4
Council's District				
Water from Council's District	4			
Water from Council's District	4			
Private Supplies				
Water from Council's District	4			
Water from Council's District	4			
<hr/>				
	10			

NOTE

Analysis of Health Standard of purity for drinking water is as follows:-

Presumptive Count per 100 ml.

Class 1.	Highly satisfactory	Less than 1
Class 2.	Satisfactory	1 - 2
Class 3.	Doubtful	3 - 10
Class 4.	Unsatisfactory	Greater than 10

Once again, it is gratifying to record that all the samples taken from the Council's supplies proved to be satisfactory.

In addition, the following samples were taken:-

Well, United Mill. 2 samples with excellent results.

The following samples were taken from a well supply of water proved to be satisfactory.

Water from the Mill. 1 sample proved to be excellent.

(a) New Connections

10 new connections (5 last year) were made to the Council's Water Mains for 8 new dwellings, 2 existing dwellings, 1 farm and 2 agricultural supplies.

(b) Repairs

3 bursts of water mains occurred in the District during the year (6 last year) and these were promptly attended to by your workmen.

WATER SUPPLY

40 pipes (10 last year) were deposited and approved under the Council's Building By-laws.

1	Water from the Mill
2	Additional from the Mill
3	Private supply
4	New Building (including 10 Council houses)
5	Government buildings and improvements