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BILLES DON

RURAL DISTRICT COUNCIL.

ANNUAL REPORTS

of the

MEDICAL OFFICER OF HEALTH

and the

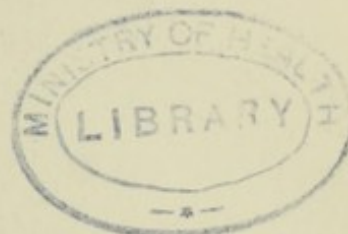
SURVEYOR AND CHIEF SANITARY INSPECTOR.

for the

YEAR ENDED

31st. DECEMBER 1954.

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REPORT

ANNUAL REPORT

OF THE

BOARD OF

MANAGEMENT

AND

OF THE

OF THE

OF THE

OF THE

OF THE

BILLESDON RURAL DISTRICT COUNCIL.

REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE  
YEAR ENDED 31st. DECEMBER, 1954.

TO: THE CHAIRMAN AND MEMBERS OF THE  
BILLESDON RURAL DISTRICT COUNCIL.

Mr.Chairman, Ladies and Gentlemen,

I present to you my Annual Report on the health and sanitary circumstances of the Billesdon Rural District for the year 1954.

Again I am glad to be able to report that the health of the rural district continued to be good. The death rate remains low, 9.5 per 1,000 as against 11.3 for the whole Country.

I can again record that the maternal death rate has been 'NIL' but unfortunately, four infants under the age of one year died and there were two still births. Of the four deaths of infants under one year of age, three were due to immaturity.

The exceedingly low incidence of notifiable disease is very welcome indeed. It is a pleasure to be able to report that there were no cases of Acute Anterior Poliomyelitis notified during 1954, and I can once again report with pride that no cases of Diphtheria occurred during the year.

## LABORATORY FACILITIES.

There has been no change in the arrangements during 1954 whereby the Public Health Laboratory Service at Groby Road, Leicester undertakes the bacteriological examination of specimens submitted.

In addition to the milk, ice cream and water examinations reported upon by the Chief Sanitary Inspector, the following examinations were carried out during 1954 :

Faeces	...	...	...	7.
Urine	...	...	...	-
Throat Swab.	...	...	...	7.
Nose Swab...	...	...	...	1.
Pork Pie....	...	...	...	1.

Ambulance Facilities; Nursing in the Home; Maternity and Child Welfare;  
Child Life Protection; School Health Services.

The Leicester County Council is the responsible authority for the administration of these Services.

## National Assistance Act 1948, Section 47.

Elsewhere, in the Chief Sanitary Inspector's report, you will see that 4 visits have been made in connection with the removal of aged and infirm persons.

One old gentleman was interviewed on two occasions and upon gaining his confidence, he made arrangements quite voluntarily to enter hospital.

### SCAVENGING.

The Chief Sanitary Inspector's report gives many interesting details of the Refuse Collection Service, and I am sure that the Council have every reason to be proud of such an extensive and comprehensive service for so widely scattered an area.

### DRAINAGE AND SEWERAGE.

Houghton-on-the-Hill Sewers and Sewerage Works were completed during the year and this coupled with the progress in the Sewerage of Scraptoft and Thurnby continues the Council's forward policy in the betterment of Sanitary Conditions throughout the District.

Much still remains to be done in many of the smaller parishes which deserve the same facilities. I urge the Council to press forward with the Scheme for Keyham in order that there should be no delay between the completion of the proposals for Billesdon and Tilton and the provision of adequate facilities for sewage disposal in this village.

### STREAMS AND DITCHES.

Many of the streams and ditches in the district are seriously polluted, and the provision of main drainage mentioned above has already resulted in some improvement. This is bound up with the problem of cesspools, old village sewers and sewer ditches draining into watercourses, and is thus intimately connected with the need for adequate water supply and for main drainage and efficient sewage disposal.

However, the standards set for the drainage of isolated buildings have been tightened up during the year and everything possible should be done to ensure that no further pollution occurs and that wherever possible steps are taken to remedy existing nuisances.

PUBLIC HEALTH OFFICERS

OF THE

BILLESDON RURAL DISTRICT.

MEDICAL OFFICER OF HEALTH.

J. Young. M.B., Ch.B., D.P.H.Camb.,

The Medical Officer of Health acts for the

Leicestershire and Rutland Combined Districts

in which this District is included.

SURVEYOR AND CHIEF SANITARY INSPECTOR.

John W. Stephenson, D.E.M., F.A.B.S.S., A.F.S.(Eng.), M.R.San.I.,  
M.S.I.A., Cert.S.I.B.

Certificated Inspector of Meat and Other Foods.

Architectural and Building Surveyor.

Incorporated Surveyor.

ADDITIONAL SANITARY INSPECTOR.

G.E.J. Potter, M.R.San.I., M.S.I.A., Cert.S.I.B.,

Certificated Inspector of Meat and Other Foods.

Commenced duties 1st. March, 1954.

(Previously Additional Sanitary Inspector,  
Cholmsford R.D.C., Essex.)

Clerk.

Mrs. M. Allen.

BIRTH RATE, DEATH RATE AND GENERAL STATISTICS FOR 1954.

	LIVE BIRTHS.		STILLBIRTHS.		DEATHS.		DEATHS OF INFANTS UNDER 1 YEAR.	
	Number.	per 1,000 population.	Number.	per 1,000 local live and still births.	Number.	per 1,000 total population.	Number.	per 1,000 related live births.
ENGLAND AND WALES.	673,212.	15.2	16,130.	24.0	501,878.	11.3	17,098.	25.5
BILLESDON R.D.C.	123.	15.38	2.	16.0	77.	9.5	4.	32.4

GENERAL STATISTICS.

Area in acres ... .. 49,728. Rateable Value ... .. £38,700.  
 Registrar General's Estimate of Population (Mid 1953) ... .. 8,180. Sum represented by a 1d. rate..... £149.  
 No. of inhabited dwellings .. ... 2,834.

# IMMUNISATION AGAINST DIPHTHERIA, 1954.

The following is a return of the children resident in the Rural District who were immunised against Diphtheria during the year ended 31.12.54.

Year of Birth.	Primary Inoculations.	Reinforcing Inoculations.
1954.	3.	-
1953.	43.	-
1952.	20.	-
1951.	2.	-
1950.	2.	-
1949.	1.	34.
1948.	-	19.
1947.	-	4.
1946.	-	-
1945.	-	-
1944.	-	-
1943.	-	-
1942.	-	-
1941.	-	-
1940.	-	-
TOTALS.	71.	57.
Comparable figures for 1953.	61.	47.

The following is a return of the number of children resident in the Rural District of Billesdon under the age of 15 years on 31st. December, 1954, who had completed a course of immunisation at any time before that date ( i.e. at any time since 1st. January, 1940.)

<u>Year of Birth.</u>	<u>Total.</u>
1940.	69.
1941.	58.
1942.	70.
1943.	98.
1944.	115.
1945.	26.
1946.	92.
1947.	101.
1948.	105.
1949.	68.
1950.	87.
1951.	84.
1952.	67.
1953.	47.
1954.	3.
Total	1090.

Diphtheria notifications and deaths in 1954 in relation to immunisation;

Notifications.	Deaths.
Nil.	Nil.

There is some satisfaction in seeing a slight increase in the numbers immunised, but I must emphasise my remarks in the last Annual Report that the elimination of the disease is conditional upon the maintenance of an adequate level of immunisation. Parents must be made to realise that if they leave their children unprotected there may be a return of Diphtheria outbreaks.

# NOTIFIABLE DISEASES.

Disease.	Total of Cases Notified.	Cases admitted to Hospital.	Total Deaths.
Smallpox.	-	-	-
Scarlet Fever.	6	-	-
Diphtheria.	-	-	-
Pneumonia.	-	-	-
Measles.	-	-	-
Whooping Cough.	5	1	-
Erysipelas.	-	-	-
Puerperal Pyrexia.	-	-	-
Acute Anterior Poliomyelitis.	-	-	-
Food poisoning.	1	-	-
Dysentery.	4	2	-
TOTALS.	16.	3.	-

# ANALYSIS OF CASES OF NOTIFIABLE DISEASE.

Disease.	Under 1	1 - 2	3 - 4	5 - 9	10-14	15-24	25-45	45-65	65 & over	Total.
Smallpox.										
Scarlet Fever.			2	4						6
Diphtheria.										
Measles.										
Whooping Cough.		2		2	1					5
Erysipelas.										
Puerperal Pyrexia.										
Acute Anterior Poliomyelitis.										
Food Poisoning.								1		1
Dysentery.		1	1	1			1			4
TOTALS.-	3	3	7	1	-	1	-	1		16

DEATHS PER MONTH IN EACH PARISH.

	Jan.	Feb.	Mch.	Apl.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
ALLEXTON.												
BILLESDON.	2			1	1		1					
BURTON OVERY.											1.	
CARLTON CURLIEU.												
COLD NEWTON.												
EAST NORTON.												
FRISBY.												
GAULBY.											1.	
GOADBY.												
GREAT GLENN.	1		1								2	
GREAT STRETTON.	3	1			1							
HOUGHTON/HILL.					2			1			1	1
HUNGARTON.											1	
ILLSTON.		1										
KEYHAM.					1							
KING'S NORTON.												
LAUNDE.						1						
LITTLE STRETTON.												
LODDINGTON.											1	
LOWESBY.												
MAREFIELD.												
NOSELEY.												
OWSTON.					1							
ROLLESTON.												
SCRAPTOFT.	1		2		1	1						3
SKEFFINGTON.									1			
STOUGHTON.			1									
THURNBY with BUSHBY.	2					1					1	
TILTON.	1			1								
TUGBY.		2		1		1						2
WHATBOROUGH.												
WISTOW.												
WITHCOTE.												
TOTALS	10	4	4	3	7	4	1	1	1	-	8	6

TOTAL DEATHS, 1954

CAUSES OF DEATH.	Male.	Female.
Tuberculosis, respiratory.	-	-
Tuberculosis, other.	-	-
Syphilitic disease.	-	-
Diphtheria.	-	-
Whooping Cough.	-	-
Meningococcal infections.	-	-
Acute Poliomyelitis.	-	-
Measles.	-	-
Other infective and parasitic diseases.	1	-
Malignant neoplasm, stomach.	-	1
Malignant neoplasm, lung bronchus.	-	-
Malignant neoplasm, breast.	-	-
Malignant neoplasm, uterus.	-	-
Other malignant and lymphatic neoplasms.	6	5
Leukaemia, aleukaemia.	-	-
Diabetes.	-	-
Vascular lesions of nervous system.	6	6
Coronary disease, angina.	6	1
Hypertension with heart disease.	1	2
Other heart disease.	6	10
Other circulatory disease.	3	3
Influenza.	-	-
Pneumonia.	2	1
Bronchitis.	-	-
Other diseases of respiratory system.	1	-
Ulcer of stomach and duodenum.	-	1
Gastritis, enteritis and diarrhoea.	-	1
Nephritis and nephrosis.	-	1
Hyperplasia of prostate.	-	-
Pregnancy, childbirth, abortion.	-	-
Congenital malformations.	1	-
Other defined and ill-defined diseases.	2	6
Motor vehicle accidents.	1	-
All other accidents.	1	1
Suicide.	-	1
Homicide and operations of war.	-	-
All causes.	37.	40.

Below is an analysis of the deaths from malignant diseases according to age groups. No information is available as to the incidence of cancer in any particular occupation :

Deaths from Cancer, 1954.

AGE GROUP.	Male.	Female.
0.		
1.		
5.		
15.		
25.		
35.		
45.	3.	
55.		4.
65 and over.	1.	4.
Totals.	4.	8.

Prevention of Blindness.

No notifications of Ophthalmia Neonatorum were received during 1954.

Tuberculosis.

No action was taken in 1954 under the Public Health (Prevention of Tuberculosis) Regulations, 1925 or under Section 172 of the Public Health Act, 1936.

Overleaf is a table of the new cases of tuberculosis reported during the year and the mortality from this disease.

AGE GROUPS.	New Cases.				Deaths.			
	Pulmonary.		Non-Pulmonary.		Pulmonary.		Non-Pulmonary.	
	M.	F.	M.	F.	M.	F.	M.	F.
0.								
1.								
5.		1 +	1.					
15.								
20.		2 +						
25.	2 +		1					
35.								
45.								
55.								
65 and over.								
Totals.	2 +	3+	2	-	-	-	-	-

+ Transfers from other areas.

No deaths attributable to Tuberculosis have been notified.

GENERAL SUMMARY OF STATISTICAL INFORMATION.

Registrar General's Estimated Mid-Year Population.	1952.	1953.	1954.
	7,804.	7,862	8,180
Estimated Population at 31st. December, 1954.	9,000.		
Area (Acres)	49,728		
Persons per acre (Based on mid-year figure)	0.17		
Annual Birthrate per 1,000 population.	15.38		
Annual Death Rate per 1,000 population.	9.5		
Births :      Male - 65      Female - 58	123		
Deaths :      Male - 37      Female - 40	77		
Excess of Births over Deaths.	46		
Pulmonary Tuberculosis Death Rate per 1,000 population.	nil		
Other Tuberculosis Death Rate per 1,000 population.	nil		
Cancer Death Rate per 1,000 population.	1.4		
Pneumonia Death Rate per 1,000 Population.	0.3		

I have the honour to be,

Your Obedient Servant,

JOHN YOUNG.

Medical Officer of Health.

GENERAL BUREAU OF STATISTICAL INFORMATION

1954	1953	1952
8,180	7,862	7,804

Registered General's Estimated  
Mid-Year Population

Estimated Population at 31st, December, 1954

Area (Acres)

Persons per acre (Based on mid-year figures)

Annual Births per 1,000 population

Annual Death Rate per 1,000 population

Births : Male - 55 Female - 52

Deaths : Male - 37 Female - 40

Excess of Births over Deaths

Pulmonary Tuberculosis Death Rate per 1,000 population

Other Tuberculosis Death Rate per 1,000 population

Cancer Death Rate per 1,000 population

Thrombosis Death Rate per 1,000 population

Yours Obedient Servant,

JOHN YOUNG,

Medical Officer of Health.

1 9 5 4.

ANNUAL REPORT  
of the  
SURVEYOR AND CHIEF SANITARY INSPECTOR.

Mr.Chairman, Ladies and Gentlemen,

I have pleasure in submitting my Report for the year 1954. During the year under review, it has been possible to pay greater attention to almost every aspect of environmental hygiene and sanitation throughout the area. This has largely been due to the appointment of Mr.G.E.J.Potter as an additional Sanitary Inspector.

The laying of sewers in Bushby, Thurnby and Scraftoft has created an immense volume of work in supervising the abolition of old, filthy, inadequate and troublesome cesspools.

The completion of the sewage works in Houghton-on-the-Hill has also enabled much to be done to improve the sanitary conditions of this Village.

Building has continued to forge ahead and 161 houses were constructed in the district during the year. 24 of this number were houses erected by this Council. This means that since the end of the war the Council has completed 236 houses and 331 have been erected by private persons and other bodies.

Details are contained in the following tables of the number of planning applications which have been received and dealt with during the year. In this respect no account has been taken of the many re-submissions of amended plans received in connection with some of the larger proposals.

## Full Applications.

## Applications in principle.

PARISH.	Number Received.	Number Withdrawn.	Refused.	Appeals.	Permitted.	No. of Buildings Involved.	Number Received.	Number Withdrawn.	Refused.	Permitted.	Appeals.
Allextan.											
Billesdon.	8				8	21	1			1	
Burton Overy.	2				2	1	1				
Carlton Curlieu.											
Cold Newton.	1				1						
East Norton.	2				2	1					
Frisby.											
Galby.											
Goadby.											
Great Glen.	12		1		11	11	8	1	2	2	
Great Stretton.											
Houghton-on-the-Hill.	17				16	21	2		2		1
Hungarton.											
Illston.	2				1	2					
Keyham.											
King's Norton.											
Launde.											
Little Stretton.											
Loddington.	1					1					
Lowesby.	1				1						
Marefield.	2				2	1					
Noseley.											
Owston.	1				1						
Rolleston.	1				1	1					
Scraptoft.	30	1			26	970	8		2	3	1
Skeffington.	2				2	2	1				
Stoughton.	4				3	4					
Thurnby & Bushby.	30				25	88					
Tilton.	3				3	3					
Tugby.	1				1	1					
Whatborough.											
Wistow.	1				1	1					
Withcote.	2				2	1					
Totals	122	1	1	-	107	1130	21	1	6	7	2

The following is a summary of the plans deposited in accordance with the Building Byelaws :

Parish.	No. of plans deposited.	No. Ref. used.	No. Appvd.	No. of Buildings Involved.			Total.
				Houses.	Addns. and Alts.	Other Bldgs.	
Allextion.	4.	-	4.	-	4.	-	4.
Billesdon.	11.	-	11.	10.	3.	11.	24.
Burton Overy.	4.	-	4.	-	2.	2.	4.
Carlton Curlieu.	-	-	-	-	-	-	-
Cold Newton.	2.	-	2.	-	1.	1.	2.
East Norton.	-	-	-	-	-	-	-
Frisby.	-	-	-	-	-	-	-
Galby.	1.	-	1.	-	-	1.	1.
Goadby.	-	-	-	-	-	-	-
Great Glen.	20.	-	20.	4.	7.	10.	21.
Great Stretton.	-	-	-	-	-	-	-
Houghton-on-the-Hill.	28.	-	28.	16.	5.	20.	41.
Hungarton.	-	-	-	-	-	-	-
Ilston.	2.	-	2.	2.	-	-	2.
Keyham.	1.	-	1.	-	1.	-	1.
King's Norton.	1.	-	1.	-	-	1.	1.
Launde.	-	-	-	-	-	-	-
Little Stretton.	-	-	-	-	-	-	-
Loddington.	3.	-	3.	-	-	3.	3.
Lowesby.	-	-	-	-	-	-	-
Marefield.	1.	-	1.	-	-	1.	1.
Noseley.	-	-	-	-	-	-	-
Owston.	1.	-	1.	-	-	1.	1.
Rolleston.	3.	-	3.	-	1.	3.	4.
Scraptoft.	72.	-	72.	95 1/2	6.	47.	1007.
Skeffington.	4.	-	4.	-	1.	4.	5.
Stoughton.	4.	-	4.	4.	-	-	4.
Thurnby and Bushby.	40.	1.	39.	153.	4.	18.	175.
Tilton.	4.	-	4.	-	1.	3.	4.
Tugby.	3.	-	3.	1.	-	2.	3.
Whatborough.	-	-	-	-	-	-	-
Wistow.	2.	-	2.	-	1.	1.	2.
Withcote.	2.	-	2.	-	-	2.	2.
Totals.	213.	1.	212.	1144.	37.	131.	1312.

Comparative Figures :

	1953.	1954.
New Houses. ... ..	775.	1144.
Additions and alterations ...	24.	37.
Other Buildings. ... ..	66.	131.
Use of land or buildings. ...	20.	38.
Totals	885.	1350.

Seven refusals were issued under the Planning Acts and one plan rejected under the Building Byelaws.

One dwelling was found to have been erected without prior submission of plans in contravention of the Building Byelaws. Following Statutory Action this dwelling was put into order.

In my last Annual Report I laid stress upon the desirability for taking adequate precautions when existing fire grates are being renewed. During the year not a single notification that such work was being undertaken has been received and I find it difficult to believe that no work of this nature has been carried out. I must again emphasize the need for the most stringent precautions when new fireplaces and stoves are being fitted, particularly the continuous burning type, which may be a source of trouble if the hearth construction is not up to Byelaw standard.

The Building Byelaws have now been in force for a year and although copies were despatched to a wide circle of builders, I doubt whether many have actually read them.

In my view, every building apprentice and student attending a course of training, should be adequately instructed upon the Model Building Byelaws and their import to his craft.

## SECTION C.

### WATER.

Lowesby and Cold newton have continued to have a restricted supply during peak periods and unfortunately it proved very difficult to secure a suitable second hand tank in order to provide for better storage and consequent improved supply for these villages. It was therefore not possible to get this additional storage tank into service by the end of the year, but I am hopeful that it will be in service by the Autumn of 1955.

Schemes for the supply of main water to Alexton, Hungarton and Ilston-on-the-Hill have been prepared and are now awaiting Ministry approval.

In the case of Alexton, it is proposed to take a supply from an existing bore and to operate it in conjunction with the Uppingham R.D.C. who will be taking a supply to the village of Belton.

The supply for Hungarton and Ilston-on-the-Hill will be in bulk from the Leicester Corporation supply.

### WATER SHORTAGE.

It continues to be necessary to carry water periodically to the two Swedish Houses at Hungarton and this was done on five occasions during the year.

This proves to be an expensive item which necessitates taking a cleansing vehicle out of service for a day and the payment of overtime to catch up with the Cleansing duties.

### SAMPLES.

A total of 30 samples were submitted for examination with the following results:

#### Bacteriological Examination.

Type of Water.	No. of Samples.	Results.	
		Unsatisfactory.	Satisfactory.
Main	3.	2.	1.
Raw	26.	17.	9.

#### Chemical Analysis.

Type of Water.	No. of Samples.	Results.	
		Unsatisfactory.	Satisfactory.
Main.	-	-	-
Raw.	1.	-	1.

It has not been necessary to take any action in regard to waters liable to plumbo solvent action.

The following table indicates particulars of water supply in relation to households :

Internal Mains Water Supply.		Mains water from external standpipes.		Supplies from Springs, wells, etc.	
No. of Dwellings.	Population. (Approx.)	No. of Dwellings.	Population. (approx.)	No. of Dwellings.	Population (Approx.)
2122.	7438.	24.	43.	688.	1519.

In 44 instances main water was substituted for well or spring water.

### FLOODING.

There was much unwelcome water in the shape of localised flooding, particularly in the village of Great Glen where on a number of occasions during the Autumn and Winter, traffic was impeded on the highways and houses and business premises flooded in varying depths.

Following a very dry April, a consistently wet Summer and Autumn so saturated the land that an hour's heavy rainfall was almost sufficient to cause the water to reach flood proportions. Run off to the ditches was so rapid that beyond Great Glen the river could not convey the water away rapidly enough and flooding ensued.

The Council's responsibilities in this matter were very carefully examined and the whole position found to be most unsatisfactory. It appears that a District Council does not have a duty to maintain a stream, but only to initiate action against persons who negligently obstruct the flow of water and also that the responsibilities of the County Council are strictly limited as are the responsibilities of owners and occupiers.

It is very clear that the only bodies in a position to deal adequately with what is a widespread problem are the River Boards and the Report of the Land Drainage Legislative Sub-Committee of the Central Advisory Water Committee published in 1951 is worthy of immediate study and the implementation of recommended steps to reduce localised but, to the residents disastrous, flooding in villages.

One unfortunate aspect of the flooding at Great Glen has been the disruption of the Sewage Works each time. Soil has been scoured away and deposited in the Humus Tanks, thereby preventing the proper function of the works. Paths have been undermined and damaged, and sludge beds complete with clinker, washed away. The danger arising from sewage getting into the streets has been localised to about two or three gullies and one house inspection chamber in The Nook.

The rainfall figures for 1954 will be of interest and although they may not be absolutely accurate as far as the Billesdon district is concerned, have been kindly supplied by Gordon J. Wootton Esq., M.I.Mun.E., M.R.San.I., Engineer and Surveyor, Wigston U.D.C.

They are as follows:

Month.	1953.	1954.	
January.	1.05	1.05	
February.	1.28	2.42	
March.	1.64	1.93	
April.	2.18	.40	
May.	1.58	2.06	
June.	2.64	2.42	
July.	2.11	2.76	
August.	2.80	3.69	
September.	1.38	2.17	
October.	2.50	2.85	
November.	1.86	4.98	
December.	.80	2.45	
Totals	21.82	29.18	inches.

## DRAINAGE AND SEWERAGE.

1954 has been a very busy year indeed. The Houghton Works were completed and operating satisfactorily. Great strides have been made with the provision of a sewerage system in the villages of Bushby, Thurnby and Scraptoft.

Immediately the Houghton-on-the-Hill works were in a position to accept sewage. energetic steps were taken to ensure the speedy abolition of cesspools and adjustment of house drains to discharge into the sewers. The conversion of pail closets also proceeded apace.

In this latter respect, the majority of owners readily co-operated in the Scheme whereby the Council made a grant of 50% of the cost or £10, whichever was the least, and this did much to hasten the improvement of environmental hygiene within the village.

With regard to the abolition of cesspools, it is the practice to lay a pipe from the sewer to the boundary of each premises, free of charge to the owner, and where the property previously drained into a cesspool, to afford a grant of 50% of the reasonable cost of abolishing the cesspool and providing a connection to the lateral pipe. This obviously speeded up the abolition of a number of objectionable cesspools and by the end of the year the visits of the cesspool emptying waggon to this village were becoming almost a rarity.

All the new works were carefully examined and a high standard of drainage practice obtained. All defective drains found were condemned and have been replaced by adequate systems in compliance with the Council's Byelaws.

The time limit set for the grant scheme expired on the 31st. December, 1954, but the rush of work had been too much for the builders who still had a number of jobs outstanding and it was therefore necessary to recommend an extension of the time limit into 1955.

Progress with the new sewers in Thurnby, Bushby and Scraptoft was most satisfactory, and towards the end of the year, cesspools in these villages were rapidly being abolished under a scheme similar to that operating in Houghton-on-the-Hill.

Unfortunately, the negotiations in connection with the Stoughton Scheme mentioned in my last Annual Report were still afoot at the end of the year, but the termination of these arguments is in sight and I anticipate that the scheme will be commenced before the middle of 1955.

Authority to proceed with the Tilton and Billesdon Schemes in 1955 has also been received, and aroused great interest in the villages.!

Land has been obtained at Keyham for the construction of a works and the Scheme is in the draft stage. It is the only remaining proposal of your immediate post war programme and I urge that in 1955 steps be taken to secure Ministry sanction to proceed.

### Conservancy.

No. of privies in the district	...	...	...	...	4.
No. of pail closets in the district	...	...	...	...	664.
No. of W.C's in the district	...	...	...	...	1950.
No. of closets converted to W.C's during the year	...	...	...	...	72.
No. of cesspools constructed during the year	...	...	...	...	9.
No. of cesspools abolished during the year	...	...	...	...	82.
No. of cesspools in the district	...	...	...	...	402.

Pail closets continue to be emptied weekly and cesspools as regularly as possible with a six-weekly service as the target. Routine was considerably disjointed by re-routing vehicles at a moment's notice to empty cesspools where a builder was in process of making a sewer connection, but in the long run this temporary inconvenience was well worth while and the service will once again settle down to a regular routine in 1955.

## REFUSE DISPOSAL.

Every effort was made to continue the weekly emptying of dustbins but the rapid completion of houses rendered this impossible towards the end of the year. If it were necessary to take a vehicle off the round for any other purpose, it was impossible to make up for lost time. In this respect, great credit is due to your Cleansing Foreman, the drivers of the vehicles and the loaders who have met the challenge of an increased number of bins and continued increase in the contents of each bin, with vigour and good humour.

Working with the same vehicles and the same size labour teams as in 1947, during 1954 360 more bins were emptied each week.

The whole position of the Cleansing Service was examined during the year and it was decided to :

- (a) purchase two new collection vehicles each of 12 cubic yards capacity :
- (b) provide a centralised depot and stores in place of the present unsatisfactory arrangement of garaging vehicles in different villages :
- (c) to proceed with the acquisition of a new tip to be fully controlled in order to ensure satisfactory and hygienic disposal of refuse collected.

This latter decision is most important, since apart from its aesthetic and public health aspect, I understand that a Committee which has been enquiring into the problem of Foot and Mouth Disease has found evidence which places uncontrolled refuse tips under suspicion.

In my last Report, I laid emphasis upon the increased volume of refuse per household and this was again revealed most forcibly when checks were made during the winter. A test run in the early winter showed that 150 bins made up a load on the 10 cubic yard vehicle. A later test run over a new housing site showed that the contents of only 120 bins could be accommodated in the same vehicle. Householders who screw up cardboard packets and flatten tins before placing these items in the bins would help to reduce the cost of collection and thereby reduce the demand made by the Cleansing service upon the rates.

Another economizer is to place kitchen scraps in one of these cardboard containers and dispose of both on the fire.

A quantity of Salvage and waste paper was sold and this realised £50. 13. 6d.

Some records are now kept of the costing for refuse collection and it is of interest to note that the approximate daily cost of maintaining a vehicle and team during 1954 was £6. 13. 0.

This puts the cost of emptying one bin and conveying its contents to the tip at about 6d.

Cost of disposal on the tip was at the very low figure of 3/10d. a ton or 2/11d. per house per year.

NUMBER OF INSPECTIONS MADE DURING THE YEAR.

Assistance Act. ....	3.
Water Sampling. ....	33.
Drainage. ....	803.
Closet Conversions. ....	181.
Water Supply. ....	60.
Sewage Disposal. ....	172.
Refuse Disposal. ....	145.
Stables and Piggeries. ....	-
Animals kept as to be a nuisance. ....	-
Moveable dwellings. ....	13.
Factories - with power. ....	2.
Factories - non-power. ....	30.
Outworkers. ....	9.
Workplaces. ....	-
Shops Act. ....	2.
Rodent Control. ....	87.
Hairdressers. ....	-
Petroleum Stores. ....	1.
Building Byelaws. ....	1598.
Town Planning. ....	67.
Streams and Brooks. ....	21.
Thurnby Camp. ....	14.
Rights of Way. ....	15.
Miscellaneous. ....	131.
<u>HOUSING.</u>	
Initial Inspections, Public Health Act. ....	22.
Revisits. ....	22.
Initial Inspections, Housing Act. ....	54.
Revisits. ....	45.
Improvement Grants. ....	35.
Initial Inspections - Filthy and Verminous Premises. ....	-
Revisits. ....	-
Visits - Council Cottages. ....	666.
Miscellaneous. ....	17.
<u>INFECTIOUS DISEASE.</u>	
Visits for Disinfection. ....	3.
Other Visits. ....	-
<u>FOOD PREMISES.</u>	
Slaughter Houses. ....	26.
Butchers. ....	12.
Fishmongers. ....	-
Bakehouses. ....	1.
Dairies. ....	-
Visits to collect Milk Samples. ....	38.
Restaurants and Cafes. ....	3.
Ice Cream Premises. ....	20.
Licensed Premises. ....	9.
Other Food Premises. ....	1.
Grocers and Confectioners. ....	6.
Hospital Kitchens. ....	-
Miscellaneous. ....	49.

# FACTORIES ACTS, 1937 and 1948.

## PART I OF THE ACT.

1. Inspections made by Sanitary Inspector for the purposes of provisions as to health :

Premises.	Number on Register.	Number of		
		Inspections.	Written Notices.	Occupiers Prosecuted.
1. Factories in which sections 1,2,3,4, & 6 are to be enforced by local authorities.	22.	2.	-	-
11. Factories not included in (1) in which Sec.7. is enforced by local authority.	17.	-	-	-
111. Other premises in which Sec.7 is enforced by local authority (excluding out-workers premises.)	26.	30.	-	-
Totals	65.	32.	-	-

2. Cases in which Defects were found:

Particulars.	Number of Cases in which defects were found.				No. of Cases in which prosecutions were instituted.
	Found.	Remedied.	To H.M. By H.M. Inspector.	Referred	
Want of Cleanliness.	-	-	-	-	-
Overcrowding.	-	-	-	-	-
Unreasonable temperature.	-	-	-	-	-
Inadequate ventilation.	-	-	-	-	-
Ineffective drainage.	-	-	-	-	-
Sanitary conveniences :					
(a) Insufficient.	-	1	-	-	-
(b) Unsuitable or defective.	-	-	-	-	-
(c) Not separate for sexes.	-	1	-	-	-
Other offences against the Act.	-	-	-	-	-
Totals	-	2+	-	-	-

+ Outstanding from last year. A new washroom and separate sanitary accommodation was provided.

3. Outwork.

Nature of Work.	No. of outworkers in August list required by Section 110(1)(c)
Wearing Apparel (making etc.)	13.
Total	13.

## HOUSING.

The Housing Repairs and Rent Act, 1954 was made to further the provision for the clearance and re-development of areas of unfit housing and for securing or promoting the reconditioning and maintenance of houses. This latter provision will, I am sure, be of great interest to rural areas where extensive demolition within villages could forever remove the character of the setting. Houses that are really unfit and not repairable because of structural defects must go, but there is a great opportunity for the rural population to be adequately accommodated in houses occupied by previous generations, but with amenities found in a modern Council House.

To this end, three cottages in the village of Skeffington were purchased and improvements were well under way at the end of the year.

Eleven private applications for Improvement Grants were granted for sums varying from £52 to £400 and perhaps the most interesting was the conversion of the old school at Illston-on-the-Hill into a dwelling.

The improved houses are in the following villages:

Allextan.	4.
Cold Newton.	1.
Great Glen.	2.
Houghton/Hill.	1.
Illston/Hill.	1.
Scraptoft.	2.
Skeffington.	3. +

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14.

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+ Improved by the Council.

Steps were taken to secure a Closing Order for one cottage but after negotiation with the owner the property was repaired and made suitable for occupation.

The following is information regarding housing in the rural district in the form asked for by the Ministry :-

### INSPECTION OF DWELLING HOUSES DURING THE YEAR :-

(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... ..	76
(b) Number of inspections made for the purpose ... ..	143
(2) (a) Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations 1925 and 1932... ..	Nil
(b) Number of inspections made for the purpose ... ..	Nil
(3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ...	1
(4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation ... ..	70

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES :-

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their Officers ... .. 7.

ACTION UNDER STATUTORY POWERS DURING THE YEAR :-

(a) Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936:

(1) Number of dwelling-houses in respect of which notices were served requiring repairs ... .. 1.

(2) Number of dwelling-houses which were rendered fit after service of formal notices :-

(a) by owners ... .. 1.

(b) by Local Authority in default of owners... .. Nil.

(b) Proceedings under Public Health Acts :

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied... .. 1.

(2) Number of dwelling-houses in which defects were remedied after service of formal notices ... .. Nil.

(a) by owners ... .. Nil.

(b) by local authority in default of owners ... .. Nil.

(c) Proceedings under Sections 11 and 13 of the Housing Act, 1936 :

(1) No. of dwelling-houses in respect of which Demolition Orders were made.. Nil.

(2) No. of dwelling-houses demolished in pursuance of Demolition Orders ... .. Nil.

(d) Proceedings under Section 12 of the Housing Act, 1936 :

(1) No. of separate tenements or underground rooms in respect of which Closing Orders were made ... .. Nil.

HOUSING ACT, 1936 - PART IV - OVERCROWDING :-

(a) (1) Number of dwellings overcrowded at end of year ... .. } No up to date  
(2) Number of families dwelling therein ... .. } records are  
(3) Number of persons dwelling therein ... .. } available.

(b) Number of new cases of overcrowding reported during the year ... Nil.

(c) (1) Number of cases of overcrowding relieved during the year ... Nil.  
(2) Number of persons concerned in such cases ... .. Nil.

(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding :

None have come to notice.

### COUNCIL HOUSES.

Houses were completed in the following parishes :

Billesdon ...	...	2.
Bushby ...	...	5.
Great Glen ...	...	15.
Loddington ...	...	2.

During the year consideration was given to the high incidence of chimney fires and burst pipes in your houses, and it was decided to issue two Housing Bulletins offering advice to tenants and pointing out their responsibilities.

These were well received and whereas in the Winter of 1953/4 15% of the houses had burst pipes, only four bursts were reported during last Winter.

Sixty-four houses were repainted in a colour scheme of turquoise, silver grey and white.

### HUTTED CAMP, THURNBY.

Three huts were still occupied but they will not, in my opinion, be suitable for occupation throughout another winter.

The power line taking electricity to this Camp was blown down in August and in view of the cost of replacing the poles and cable, the Ministry decided that the Camp should not be reconnected to the electricity supply.

This means that families in huts on the north of the Camp have to carry all water from a standpipe in the south, a distance of more than 100 yards, and chemical closets were provided to replace the W.Cs. now without provision for flushing.

## MEAT INSPECTION.

Upon the easement of control measures introduced at the beginning of World War II, private slaughtering was resumed mid-year.

As many as possible of the carcasses and organs of the animals killed at the three slaughterhouses in the district were examined.

The momentum of slaughtering tended to slow down and at the end of the year only two of the slaughterhouses were in use.

	Beasts.	Sheep and Lambs.	Pigs.
Number killed.	52.	216.	137.
Number inspected.	25.	95.	67.
<u>All diseases except tuberculosis.</u>			
(a) Whole carcasses condemned ..	-	1.	-
(b) Carcasses of which some part or organ was condemned.	3.	1.	2.
(c) Percentage of number inspected affected with disease other than tuberculosis.	12.0	2.1	2.9
<u>Tuberculosis Only.</u>			
(a) Whole carcasses condemned.	-	-	-
(b) Carcasses of which some part or organ was condemned.	-	-	1
(c) Percentage of number inspected affected with Tuberculosis.	-	-	1.5

### Weight of Food condemned during year.

Meat	...	...	...	1 cwt. 16 lbs.
Other Foods	...	...	...	Nil.

## FOOD PREMISES.

During the year routine inspections were commenced at premises where food is stored or sold. A summary of the type of premises visited is as follows:

Food Shops	...	...	...	5
Bakehouses	...	...	...	1
Cafes	...	...	...	1
Public Houses	...	...	...	3

Total	10
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### MILK SAMPLING.

Duties with regard to the biological and bacteriological sampling of milk, which I reported last year as being carried out by the County Sanitary Officer by arrangement, have now been assumed by my Department.

Particulars of the results of biological samples taken are shown below:-

Number taken.	Results of Biological Examination.		
	Satisfactory.	Evidence of living tubercle bacilli.	Evidence of Brucella Abortus.
61.	58.	-	3.

Following up the three cases where Brucella abortus was isolated, fifty five samples were taken from individual animals and the milk from infected animals excluded from retail sale.

Fifty-four samples of milk were also taken and submitted to bacteriological examination and no unsatisfactory results were found.

### MILK AND DAIRIES.

The number of Dairymen registered on 31st. December, 1954 is as follows:

Dairies registered ...	...	...	...	-
Distributors registered ...	...	...	...	4.
No. of producer retailers in district...				32.

#### Dealers Licences.

Accredited. ...	...	...	...	...	-
Pasteurised. ...	...	...	...	...	-
Sterilized. ...	...	...	...	...	-
Tuberculin Tested. ...	...	...	...	...	-

#### Supplementary Licences.

Accredited. ...	...	...	...	...	1.
Pasteurised. ...	...	...	...	...	4.
Sterilized. ...	...	...	...	...	3.
Tuberculin Tested. ...	...	...	...	...	3.

### ICE CREAM.

Ten samples of Ice Cream were submitted to the laboratory for examination and each attained satisfactory results, as did also two iced lollies submitted.

It is hoped next year that it will be possible to take samples from a number of itinerant vendors, who seem to be operating in the district.

Results with regard to the biological and pathological  
 findings of this study, which I reported last year at the  
 Society's meeting, are now being prepared by the  
 Department.

Statement of the results of biological studies taken are

Number of specimens examined			
Number of specimens	Number of lesions	Number of lesions	Number of lesions
10	10	10	10

Following up the three cases where the results of the  
 studies, this study was taken from the material and the  
 results are included in the material of the study.

With the results of this study also taken and included  
 in the material of the study.

# RESULTS

The results of the study are as follows:

Number of specimens examined			
Number of specimens	Number of lesions	Number of lesions	Number of lesions
10	10	10	10

# CONCLUSIONS

The results of the study are as follows:

It is hoped that the results of this study will be of use to the  
 study of the results of the study.

### ERADICATION OF PESTS.

Very little organised survey work has been possible under the Prevention of Damage by Pests Act, 1949 although a watch is made for signs of infestation when making inspections for other purposes. Treatments have been carried out whenever the Refuse Tip, sewage dykes or sewers gave any evidence of infestation.

### CAMPING SITES AND MOVEABLE DWELLINGS.

No licences for camping sites were issued during the year. A number of applications were however received from individuals to station and use caravans within the district, as follows :-

Number of applications received ...	...	...	4.
Number of licences issued ...	...	...	4.
Number of applications withdrawn ..	...	...	-
Number of applications refused ...	...	...	-
Number of appeals to Justices ...	...	...	-
Number of prosecutions for using a caravan without a licence ...	...	...	-

The number of caravans in your district, by parishes, is shown by the following table :-

Great Glen ...	...	...	1.
Burton Overy ..	...	...	1.
Newton Harcourt.	...	...	1.
Scraptoft. ...	...	...	2.
Little Stretton.	...	...	1.

### SWIMMING BATHS AND POOLS.

One fresh water swimming pool is available in the district.

### SMOKE ABATEMENT.

No action has been necessary during the year.

In conclusion, I wish to thank the Council for their continued support and backing throughout the year. I appreciate too assistance freely given by all of the Council's officers and in particular the invaluable help rendered by Mrs. Allen.

I am, Ladies and Gentlemen,

Your Obedient Servant,

John W. Stephenson.

Surveyor & Chief Sanitary Inspector

STATEMENT OF WORK

Very little important survey work has been possible under the provisions of Chapter 17, 1909, although a report is made for each year of information that would be of value for other purposes. The following have been carried out whenever the nature of the work or other circumstances have permitted.

CAUTION BILLS AND MISCELLANEOUS

No progress has been made during the year. A number of applications were received from individuals to obtain and use various rights in the district, as follows:-

Number of applications received	...	...	...
Number of licenses issued	...	...	...
Number of applications received	...	...	...
Number of applications received	...	...	...
Number of applications received	...	...	...
Number of applications received	...	...	...
Number of applications received	...	...	...

The number of persons in each district, by profession, is shown by the following table:-

...	...	...	...
...	...	...	...
...	...	...	...
...	...	...	...
...	...	...	...
...	...	...	...

RELATIVE FACTS AND DATA

One more water company pool is available in the district.

OTHER FACTS

No action has been necessary during the year.

In conclusion, I wish to thank the Council for their continued support and advice throughout the year. I appreciate the assistance given by all of the Council's officers and in particular the valuable help rendered by Mr. Allen.

I am, Ladies and Gentlemen,  
Your Obedient Servant,  
John W. Buchanan

Secretary to the Council, Birmingham