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Medical Officer of Health.**

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Medical Officer of Health.

BLACKWELL
RURAL DISTRICT COUNCIL.

ANNUAL REPORT

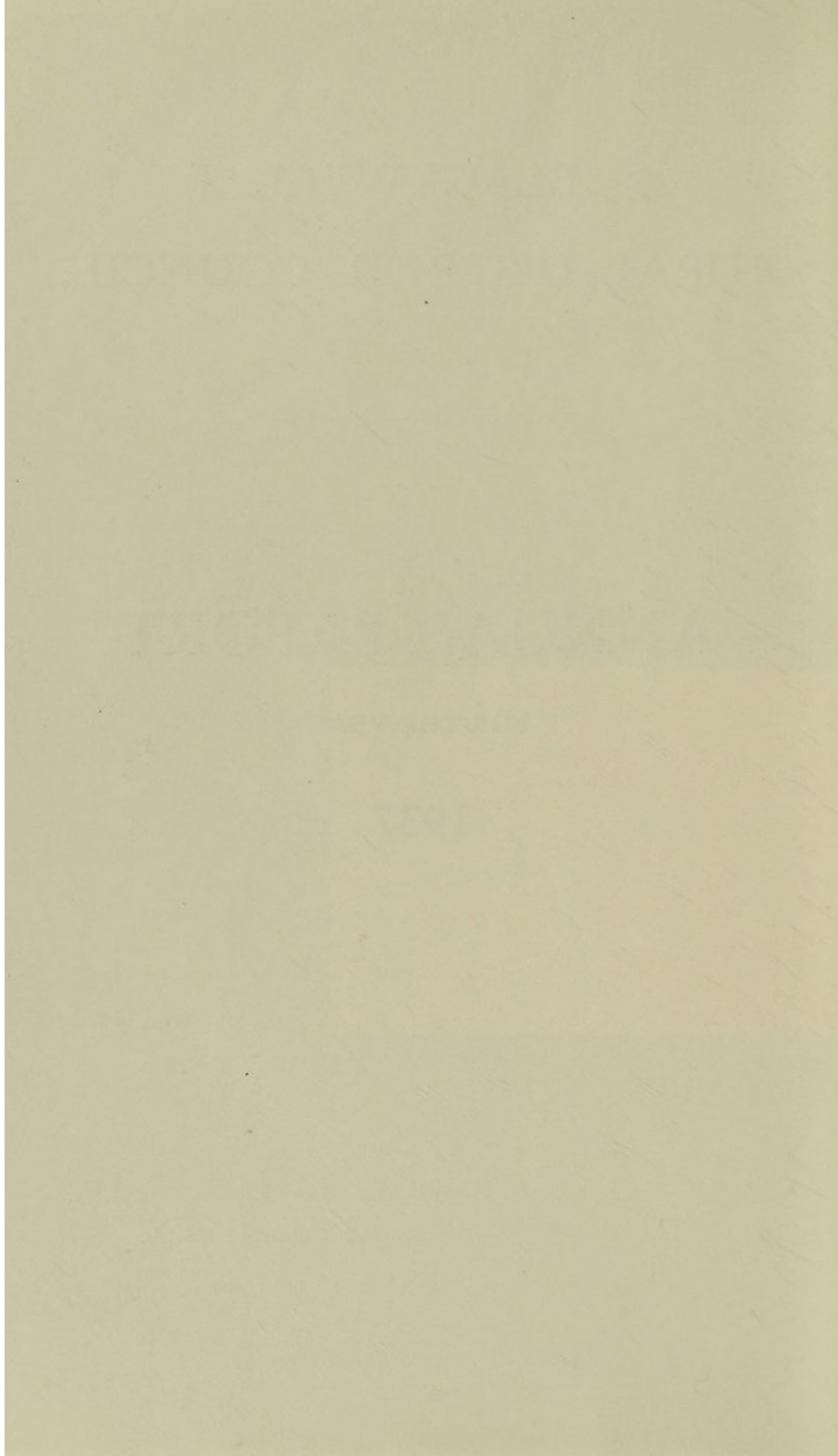
FOR THE YEAR

1937

By

A. H. WEAR, M.D., B.S., D.P.H., B.Hy.,

Medical Officer of Health.



STAFF.

Medical Officer of Health—

A. H. WEAR, M.D., B.S., D.P.H., B.HY.

Sanitary Inspectors—

R. CLARKSON (a) (b)

I. N. CREEAR (a) (b)

(a) Certificate for inspection of meat and other foods ;

(b) S. I. Certificate of R. S. I.

There are five Health Visitors in the area employed by the County Council: Four for Maternity and Child Welfare work and One School Nurse.

STAFF

Medical Officer of Health

J. H. HARRIS, M.D., F.R.C.S.

Sanitary Inspector

L. J. HARRIS, M.D., F.R.C.S.

E. J. HARRIS, M.D., F.R.C.S.

For further information, please apply to the Medical Officer of Health.

The Corporation of the City of London.

There are five Health Visitors in the area employed

by the County Council: three for the north and three

for the south and the central areas.

PREFACE

To the Chairman and Members of the
Blackwell Rural District Council.

Gentlemen,

I beg to present my Fifteenth Annual Report, which has been arranged in accordance with Article 14 (3) of the Sanitary Officers Order 1926.

Apart from an outbreak of diphtheria in the Parish of Shirebrook, the health of the district has been satisfactory.

May I take this opportunity of acknowledging with thanks the assistance received during the year from the Members and Officials of the Council.

I am, Gentlemen,

Your obedient Servant,

A. H. WEAR,

Medical Officer of Health.

STATISTICS OF THE AREA.

Area (acres)	21,922
Population (Census 1931)	44,891
„ mid-year (Registrar-General) 1937	42,850
Number of Inhabited Houses (end of 1937) according to	
Rate Books	10,765
Rateable Value, 1937	£152,199
Sum represented by a Penny Rate, 1937... ..	£569

SOCIAL CONDITIONS.

The Social conditions are mainly industrial, the chief occupations of the inhabitants being coal mining and agriculture.

Unemployment is still prevalent in the villages of Shirebrook, Tibshelf, South Normanton and Newton, but owing to the improvement in the coal trade the conditions are a little better than in previous years.

The death-rate from accidents continues to be high being .67 per 1,000 persons. The death-rate from phthisis is .63 per 1,000 persons which compared very favourably with other areas and there is no evidence that the disease is more prevalent among coal miners than other members of the community.

VITAL STATISTICS.

BIRTHS.

LIVE BIRTHS —

	TOTAL	Males	Females	
Legitimate ...	657	353	304	{ Birth-rate per 1,000 of the estimated resident population, 15·9.
Illegitimate ...	28	13	15	
STILL BIRTHS ...	33	17	16	{ Rate per 1,000 total (live and still) births, 45·9.

	TOTAL	Males	Females	
DEATHS...	450	258	192	{ Death-rate per 1,000 of the estimated resident population, 10·5.

Death-rate corrected by comparability factor ... 13·4

Deaths from puerperal causes (Heading 29 and 30 of the Registrar-General Short List):—

	No.	Deaths	Rate per 1,000 Total (Live and Still) Births
No. 29 Puerperal Sepsis ...	1	...	1·39
„ 30 Other puerperal causes ...	3	...	4·17
Total ...	4	...	5·5

DEATH-RATE OF INFANTS UNDER ONE YEAR OF AGE:—

All infants per 1,000 live births ...	58·8
Legitimate infants per 1,000 legitimate live births ...	57·8
Illegitimate infants per 1,000 illegitimate live births ...	71·4

Deaths from:—

Measles (all ages) ...	—
Whooping Cough (all ages) ...	2
Diarrhœa (under two years of age) ...	5
Cancer (all ages) ...	42

Birth-rate, Death-rate, and Analysis of Mortality during the year 1937.

Birth-rate per 1,000 Total Population		ANNUAL DEATH-RATE PER 1,000 POPULATION									RATE PER 1,000 LIVE BIRTHS			
		All causes	Enteric Fever	Small-pox	Measles	Scarlet Fever	Whooping-cough	Diphtheria	Influenza	Violence	Diarrhoea and Enteritis, under 2 years	Total Deaths under 1 year		
England and Wales	..	14.9	0.60	12.4	0.00	—	0.02	0.01	0.04	0.07	0.45	0.54	5.8	58
125 County Boroughs and Great Towns, including London	..	14.9	0.67	12.5	0.01	—	0.03	0.01	0.04	0.08	0.39	0.45	7.9	62
148 Smaller Towns (1931 adjusted) Populations 20,000—50,000	..	15.3	0.64	11.9	0.00	—	0.02	0.01	0.03	0.05	0.42	0.42	3.2	55
London	..	13.3	0.54	12.3	0.00	—	0.01	0.01	0.06	0.05	0.38	0.51	12.0	60
BLACKWELL R.D.	..	15.90	0.77	13.44	0.02	—	0.00	0.00	0.04	0.02	0.37	0.67	7.2	58

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA.

Laboratory Facilities.

No changes or developments have been made in connection with laboratory facilities. The number of types of specimens dealt with by the County Laboratories were as follows:—

					Positive	Negative	Total
Enterica—							
	Typhoid, Para-Typhoid A & B	...			1	13	14
	Gaertner, Dysentery, etc.	...			—	18	18
	Diphtheria	...	...	...	45	210	255
	Phthisis	...	...	...	11	107	118
	Water	...	...	...	28	—	28
	Milk for Methylene Blue Test	...	...		15	12	27
	„ Bacterial Content	...	...		—	6	6
	„ Bacillus Coli.	...	...	...	11	16	27
Milk for Tubercle Bacilli Inoculation Test:—							
	Milk & Dairies Act	...	...		—	35	35
	„ Routine Samples	...	...		3	25	28
	Miscellaneous	...	...	...	4	13	17
					118	455	573

Ambulance Facilities in the Area.

The Ambulance services provided are adequate for the needs of the district and the following are available :—

(a) FOR INFECTIOUS CASES.

Ambulance facilities are provided by the North-east Derbyshire Isolation Hospitals.

(b) FOR NON-INFECTIOUS CASES.

In the Southern Area the Council have arranged for the Red Cross Ambulance Station at Morton to serve this part of the district, namely :—the Parishes of South Normanton, Blackwell, Pinxton and Tibshelf. This ambulance is available night and day and can be obtained at Telephone No. Clay Cross 35.

In the Northern Area the Bolsover U.D.C. Ambulance, Church St., Bolsover (Telephone, Bolsover 5) is available for the Parish of Scarcliffe (Hamlets of Hillstown, Palterton and Scarcliffe), Parish of Ault Hucknall (Hamlet of Doe Lea) and Glapwell, and the Red Cross Ambulance, Gilbert's Garage, Creswell (Telephone, Creswell 214) is available for the Parishes of Ault Hucknall (except Hamlet of Doe Lea), Pleasley, Scarcliffe (except Hamlets of Hillstown, Palterton and Scarcliffe) and Shirebrook.

(c) FOR MATERNITY CASES.

Local ambulances provided by the collieries are used for these cases, and also the ambulances for non-infectious cases.

There have been no changes or developments in the following services :—

Nursing in the Home.

Clinics and Treatment Centres.

Hospitals.

SANITARY CIRCUMSTANCES OF THE AREA.

No action has been taken by the County Council in pursuance of Section 57 of the Local Government Act, 1929, or Section 307 or 320 of the Public Health Act, 1936.

Water.

The Meden Valley water which supplies the Blackwell R.D., Warsop U.D. and part of Sutton U.D., continues to give satisfaction. 6 samples for bacteriological examination were taken by the Joint Water Committee during the year, 4 from the Budby Pumping Station and 2 from Warsop Village. All were satisfactory.

In addition, 18 samples for bacteriological examination were taken in this area, 14 were excellent and contained no bacillus coli in 150 c.c. but the other 4 contained bacillus coli in 35 c.c. All these samples were obtained in a district where a number of old mains had been taken over from a private authority, many were found to contain a large amount of solid matter, especially at the dead ends, but after a thorough flushing analyses were quite satisfactory.

I suggest that, in future, samples for bacteriological examination continue to be taken every two months (at the Pumping Station) and samples for chemical examination twice a year.

The following is a bacteriological analysis taken from a tap in Devonshire Drive, Langwith, on December 10th.

Number of bacteria per c.c. in Agar-Agar after 24 hours incubation at 37 Centigrade	...	...	...	...	8
Number of bacteria per c.c. in Agar after 72 hours incubation 20 Centigrade	...	...	...	...	8
Bacillus Coli was not present in 200 c.c.	...	...	...	...

During the year the following mains have been extended :—

- (1) Westhouses Lane, Blackwell, to new Housing Site for Blackwell Rural District Council.
- (2) Back Lane, Glapwell, to houses formerly supplied by Sheepbridge Coal & Iron Co.
- (3) Mansfield Road, Hillstown, to new Housing Site for Blackwell Rural District Council.
- (4) Langwith Road, Shirebrook, to new Housing Site for Blackwell Rural District Council.
- (5) Mansfield Road, Glapwell, to Building Site for Messrs. Crooks & Butler Ltd.

At the time of writing, a water main is being laid by Messrs. W. & S. Burkitt Ltd. to supply water from the Council's mains to the cottages at Langwith Maltings hitherto served by a private supply belonging to the Chatsworth Estates Co.

Drainage and Sewerage.

Alterations and Additions to the outfall works at Primrose Hill, Blackwell, have been completed. From these works new sewers have been laid linking up with the old works at Newton and the main outfall works at Tibshelf, both of which have now been abandoned.

The effect of the scheme is that the old works at Newton and Tibshelf are cut out and the sewage is now treated at the works at Primrose Hill.

Pinxton, Shirebrook and Pleasley Sewage Works urgently require reconditioning. No general conversion scheme can be carried out until the necessary alterations have been made.

During the year the following sewers were extended :—

- (1) Ball Hill, South Normanton, to drain new houses being erected.
- (2) Littlemoor, Newton, to drain new houses being erected.

Rivers and Streams.

No complaints regarding the pollution of streams have been received.

The Blackwell Brook is much cleaner but the condition of the River Erewash shows very little improvement.

Closet Accommodation.

	Number in use at end of 1937.				
Water closets	6,239
Pail closets	3,897
Privy middens...	619

CONVERSIONS TO WATER CLOSETS DURING THE LAST FIVE YEARS :—

	1933	1934	1935	1936	1937	Total
Privy middens	218	30	122	111	33	514
Pail closets	33	644	139	553	485	1,854

The converting of pails and privies into water closets is painfully slow. It is most disappointing that a large number of houses in a village the size of Shirebrook (a congested community of 12,000 people) should still be using pail closets and, under existing conditions, it is surprising that the health of the inhabitants remains so good.

Public Cleansing.

No alterations have been made in the scavenging arrangements. Further details of this work will be found in the Sanitary Inspectors' reports.

Shops.

Particulars of the work carried out in connection with the Shops Act will also be found in the Sanitary Inspectors' reports.

Smoke Abatement.

Frequent complaints have been received regarding noxious fumes from a burning colliery tip in the village of Langwith. This is a cause of continued discomfort and unpleasantness to the inhabitants especially in the vicinity of Whaley Thorns. The Council have requested the Colliery Company to take steps to abate the nuisance but so far nothing has been done.

Swimming Baths and Pools.

There is only one swimming bath in the district, this is at Tibshelf and is owned by the Babbington Colliery Company. The building appears to be in need of decorating and several minor repairs are required.

At the commencement of a season the bath is filled with water obtained from the Council's main and is purified weekly as follows:—

(a) Passed through sand (Leighton Buzzard) under pressure.

(b) A solution of Chloride of Lime added (unmeasured). An endeavour is made to keep the water at .02 to .05 parts of Chlorine per million.

The quality of the water continues to be satisfactory.

Eradication of Bed Bugs.

Only 7 houses were infected and subsequently disinfested during the last twelve months. None of these were owned by the Council. Five houses were disinfested by the owners who removed the infested woodwork, sprayed with insecticides and fumigated with sulphur. The other two were disinfested by the Council, Lawes Block Disinfestators being used with satisfactory results.

Furniture from tenants occupying slum property is removed to a van and disinfested by Hydrogen Cyanide, this is to ensure that their belongings are free from vermin before removal into a Council house. Bedding and clothing are treated at the steam disinfector. During the year 38 van loads of furniture were disinfested and 152 bundles of bedding and clothing. The disinfestation of furniture is carried out by a Contractor.

Tenants of Council houses are visited periodically by the Sanitary Inspectors to see that they are maintaining a satisfactory standard of cleanliness.

Schools.

The sanitary condition of the Public Elementary Schools are on the whole satisfactory but there are one or two schools in the outlying districts where privy middens are still in existence.

Hardstoft School is in need of a proper water supply. The well, which originally supplied the school, is unfit and water has to be carried from an adjoining dwelling-house.

No schools were closed for infectious disease.

HOUSING.

Number of Houses Inhabited at the end of 1937	...	...	10,765
Number of New Houses erected during 1937 :—			
(a) By Local Authority	...	...	61
(b) By Private Enterprise	...	...	82
		—	143

1.—Inspection of Dwelling-houses during the Year.

- (1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts) ... 675
- (b) Number of inspections made for the purpose ... 2,953
- (2) (a) Number of dwelling-houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 ... 274
- (b) Number of inspections made for the purpose ... 2,137
- (3) Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... 120
- (4) Number of dwelling-houses (exclusive of those referred to under the preceding sub-heading) found not to be in all respects reasonably fit for human habitation ... 267

2.—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	513
---	-----	-----	-----	-----	-----	-----	-----

3.—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	184
(2) Number of dwelling-houses which were rendered fit after service of formal notices—	
(a) by owners	177
(b) by Local Authority in default of owners ...	1

B.—Proceedings under Public Health Acts:—

(1) Number of dwelling-houses in respect of which notices were served requiring repairs	6
(2) Number of dwelling-houses in which defects were remedied after service of formal notices—	
(a) by owners	6
(b) by Local Authority in default of owners ...	—

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

(1) Number of dwelling-houses in respect of which Demolition Orders were made	55
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	26

D.—Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made ...	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit ...	—

4.—Housing Act, 1936. Part IV.—Overcrowding.

(a) (1) Number of dwellings overcrowded at the end of the year	66
(2) Number of families dwelling therein	85
(3) Number of persons dwelling therein	552½
(b) Number of new cases of overcrowding reported during the year	16
(c) (1) Number of cases of overcrowding relieved during the year	34
(2) Number of persons concerned in such cases	234
(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 ...	—

It is interesting to note that 67 cases of overcrowding were rectified during 1937 and of these the Council relieved 34. In spite of 16 new cases of overcrowding, only 66 remain compared with 117 at the end of 1936.

During 1937 the following areas were the subject of an Inquiry by the Ministry of Health :—

- No. 17. The Huts, Glapwell (12).
- No. 18. Caravans, Pleasley (3).
- No. 19. Caravans, Shirebrook (6).
- No. 20. Caravans, Shirebrook (7).
- No. 21. Caravans, Shirebrook (5).
- No. 22. Caravans, Shirebrook (3).

All the above except No. 18 were opposed but in each case the Ministry of Health confirmed the Clearance Order.

Since the introduction of the Housing Act, 1930, and the preparation of a five year programme in 1933 for dealing with unfit dwelling-houses, further detailed inspections and surveys of the district have revealed many more which are unfit for human habitation, and as such should be dealt with under the Housing Acts. The unsatisfactory state of many of these houses was found during the detailed survey made for the purpose of overcrowding under the provisions of the Housing Act, 1935. In consequence of this, more houses have been added to the original "Five Year Programme."

A summary of the amended programme showing houses already dealt with and houses which will be dealt with before the end of 1938 is given below:—

PARISH.	Actual number which have already been represented.		Number still to be represented to complete the Five "Year Programme."	
	In Clearance Areas.	Individual unfit.	In Clearance Areas.	Individual unfit.
Ault Hucknall and Glapwell ...	12	3	—	—
Blackwell ...	19	4	—	8
Pinxton ...	56	33	—	11
Pleasley ...	3	6	—	4
Scarccliffe ...	—	8	—	3
Shirebrook ...	34	13	—	1
South Normanton ...	68	27	25	28
Tibshelf ...	38	7	—	9
Total ...	230	101	25	64

Of the 230 houses included in Clearance Areas, 150 have been confirmed, three houses have been excluded from the confirmation orders, two have been re-conditioned, two have been voluntarily demolished, one has again been dealt with as an individual unfit house and 72 are awaiting Ministry of Health Inquiries.

It is interesting to note that at the end of 1937, the Council had built 915 houses and 72 bungalows. 12 bungalows were in the course of erection and tenders had been invited for a further 60 houses and 36 bungalows. In all the Council will, in the near future, have provided 1,251 dwellings for re-housing the working classes and have sanction to proceed with a further 156 dwellings.

Under the provisions of the Small Dwellings Acquisition Acts, the Council have advanced £15,797 in respect of 44 houses, while grants amounting to £19,700 were made under the Housing Act, 1923, in respect of 281 houses.

It will thus be seen that the Blackwell Rural District Council have been fully alive to their responsibilities under the Housing Acts.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

377 cowsheds, dairies and milkshops are registered in this district and 666 visits were paid by the Inspectors.

28 samples of milk were examined for the presence of tubercle bacilli, 25 of these were negative and 3 positive. In the latter cases the County Veterinary Inspector was successful in finding the diseased cow.

27 samples were tested by methylene blue test, 15 of these were satisfactory and 12 unsatisfactory.

27 samples were tested by coliform test, 11 were satisfactory and 16 unsatisfactory,

6 samples of pasteurized milk were submitted for bacteriological examination and found to be satisfactory under the Milk (Special Designation) Order, 1936.

For further particulars see the Sanitary Inspectors' Reports.

Meat and other Foods.

There are 29 slaughter-houses and all are licensed annually. In practically every case regular hours of slaughter are in operation and special attention is given to occasional slaughtering.

2,216 visits were paid to slaughter-houses and 1,446 to butchers' shops and stalls.

No Meat Marking scheme is in force in this district.

A careful post-mortem inspection is made of all animals slaughtered and it is only on rare occasions that it is possible to make an ante-mortem inspection of animals intended for food.

The following table shows the number of carcasses inspected and condemned :—

	Cattle, etc.	Calves.	Sheep & Lambs.	Pigs.
Number killed (if known) ...	2,508	105	3,995	4,040
Number inspected	2,508	105	3,995	4,040

All diseases except Tuberculosis.

Whole carcasses condemned	3	—	2	3
Carcasses of which some part or organ was condemned	123	2	30	66
Percentage of the number inspected affected with disease other than tuber- culosis	5.02	1.9	.80	1.7

Tuberculosis only.

Whole carcasses condemned	12	2	—	2
Carcasses of which some part or organ was condemned	211	—	—	259
Percentage of the number inspected affected with tuberculosis	8.8	1.9	—	6.4

Adulteration, etc.

No action has been taken by this Authority with regard to the following regulations as all are administered by the County Council :—

Food and Drugs (Adulteration) Act, 1928.

Artificial Cream Act, 1929.

Public Health (Condensed Milk) Regulations, 1923 and 1927.

Public Health (Dried Milk) Regulations, 1923 and 1927.

Public Health (Preservatives, etc., in Food) Regulations, 1925 to 1927.

Chemical and Bacteriological Examination of Food.

The County Council carry out routine inspections under the Food and Drugs Act.

Specimens of food suspected of causing poisoning are, when necessary, sent to the Laboratory of the Ministry of Health for bacteriological examination and to the County Laboratory for chemical examination.

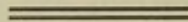
No cases of food poisoning were notified.

Nutrition.

During Health Week, talks were given at different schools on personal hygiene and diet and, as in previous years, leaflets were distributed by the County Council and films shown.

Shell-fish (Molluscan).

There are no shell-fish beds or layings in this area.



Cases of Infectious Disease notified during the Year 1937.

Notifiable Disease	Number of Cases notified													Total Cases notified in each Parish of the District								Total Cases removed to Hospital	Total Deaths		
	At all Ages	At Ages—years												Shirebrook	Normanton	Pinxton	Tibshelf	Blackwell	Pleasley	Scarliffe	A. Hucknall			Glapwell	
		Under 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 35	35 to 45	45 to 65	65 & upwards												
Small-pox ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Cholera ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Plague ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Diphtheria ..	58	1	1	6	5	25	11	5	4	—	—	—	—	36	1	4	3	4	1	—	14	—	—	56	1
Erysipelas ..	19	—	—	—	—	—	—	2	2	3	9	3	—	8	1	4	3	—	—	2	—	—	—	—	
Scarlet Fever ..	107	2	5	4	11	47	25	6	7	—	—	—	—	24	13	16	7	6	4	28	—	—	98	—	
Malaria ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	
Enteric Fever ..	1	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	
Encephalitis Lethargica ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Puerperal Fever ..	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	
Puerperal Pyrexia ..	6	—	—	—	—	—	—	—	6	—	—	—	—	2	1	—	—	1	—	2	—	—	3	—	
Ophthalmia Neonatorum ..	2	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	1	—	—	—	—	
Pulmonary Tuberculosis ..	36	—	—	—	—	2	—	5	14	4	9	2	—	16	5	3	3	3	—	5	1	—	—	27	
Other forms of Tuberculosis ..	19	2	1	2	—	4	5	2	1	1	—	—	—	7	3	—	—	7	—	1	1	—	—	6	
Pneumonia ..	31	—	1	2	1	3	3	2	9	4	2	3	—	7	—	3	3	2	—	15	1	—	—	—	
Cerebro-Spinal Fever ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Dysentery ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Acute Poliomyelitis ..	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
TOTALS ..	280	4	5	9	13	17	81	44	22	45	12	20	8	101	23	29	18	23	5	69	11	1	159	34	

PREVALENCE OF, AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.

The North Derbyshire Hospital Board serves the following districts:—Bolsover, Clay Cross, Dronfield, Blackwell, Chesterfield, Clowne and Norton. They have four hospitals which serve a population of 164,763 (Census 1931) and these are situated at Langwith, Morton, Mastin Moor and Dronfield.

The Hospital Board is to be dissolved and reconstructed under the 1936 Act.

In my opinion, the fever hospital accommodation at the present time is insufficient to meet the needs of all the above-mentioned areas. The hospitals, however, work in co-operation with each other and the accommodation is used to the best advantage.

With regard to infectious disease in Schools, the head-teachers notify me of all cases and, where necessary, visits are paid to the homes and the schools.

Scarlet Fever.

107 cases occurred in the district during the year as compared with 147 in 1936. 98 were removed to hospital.

Diphtheria.

58 notifications of this disease were received, 36 of which came from Shirebrook where the infection was mainly in the lower part of the village, most of the cases attending the Carter Lane Infants' School. Several carriers were found actually in school and these undoubtedly helped to spread the infection. 56 were removed to hospital.

Antitoxin is supplied free to the medical practitioners and in all cases it is given promptly.

No clinics for Schick testing and immunization have been started.

Measles,

The disease is not notifiable in this area and no local action was taken with regard to the use of measles serum for prophylaxis.

Enteric Fever.

One case occurred in Langwith. The source of infection was not traced but in all probability was due to a carrier, as several cases have been notified during the last few years from the same village.

Prevention of Blindness.

No action has been taken under Section 66 of the Public Health Act, 1925, or under Section 176 of the Public Health Act, 1936, for the prevention of blindness or for the treatment of persons suffering from any disease or injury to the eyes.

Tuberculosis.

The following table gives particulars of new cases of tuberculosis and of all deaths from the disease during the year.

Age Periods in years	NEW CASES				DEATHS			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	2	—	—	—	2
1	—	—	4	—	—	—	2	—
5	2	—	3	1	—	1	—	—
10	—	—	5	—	—	—	1	—
15	3	2	2	—	1	1	—	—
20	2	1	—	—	3	3	1	—
25	5	6	1	—	3	4	—	—
35	—	3	1	—	—	1	—	—
45	1	4	—	—	1	3	—	—
55	4	1	—	—	4	—	—	—
65 and upwards	1	1	—	—	1	1	—	—
TOTALS ..	18	18	16	3	13	14	4	2

The phthisis death-rate is 0·63 per 1,000 of the population.

No action has been taken during the year under the Public Health (Prevention of Tuberculosis) Regulations 1925 or under Section 62 of the Public Health Act, 1925, or Section 172 of the Public Health Act, 1936.

The ratio of non-notified tuberculosis deaths to total tuberculosis deaths is nil. All deaths this year had been previously notified.

FACTORIES, WORKSHOPS AND WORKPLACES.

1.—INSPECTION OF FACTORIES, WORKSHOPS AND WORKPLACES.

*Including Inspections made by Sanitary Inspectors or
Inspectors of Nuisances.*

Premises	Inspections	Written Notices	Prosecutions
Factories (including Factory Laundries)	7	—	—
Workshops (including Workshop Laundries)	44	6	—
Workplaces (other than Outworkers' premises)	16	—	—
Total ...	67	6	—

2.—DEFECTS FOUND IN FACTORIES, WORKSHOPS AND WORKPLACES.

Nuisances under the Public Health Acts:—

Particulars				Number of Defects		
				Found	Remedied	
Want of cleanliness	...	...	...	4	4
Want of ventilation	...	...	...	1	1
Overcrowding	...	...	...	—	—
Want of Drainage of Floors	...	...	...	1	1
Other Nuisances	...	...	...	3	3
Sanitary Accommodation	{	Insufficient	...	—	—	
		Unsuitable or defective		4	4	
		Not separate for sexes		—	—	
Total				...	13	13

A. H. WEAR,

Medical Officer of Health.

REPORTS OF SANITARY INSPECTORS.

Northern Area.

Name of Inspector, I. N. CREEAR, M.S.I.A., C.R.S.I.

Area of district, 14,626 acres.

Estimated number of houses, 5,490.

New houses erected 1937:

By private enterprise—49.

By Council—27.

HOUSING AND TOWN PLANNING—

The number of houses inspected under the Housing Act, 1930, during the year was 124, of this number 15 houses were found to be without defects.

109 notices were served under the Act and repairs were completed in 58 cases.

Number of Informal Notices served by Sanitary Insp'tor	Number of Legal Notices served by Local Authority	Number of Nuisances abated with or without Notice
---	--	--

Closets and Ashpits—

Defective privies, pail closets and ashpits	...	...	...	41	—	72
Conversion of privies into w.c's	—	—	—	—	—	20
Conversion of pail closets into w.c's	...	...	...	—	—	349
Conversion of privies into pail closets	...	...	...	—	—	—
Defective water closets...	...	...	...	8	—	16
Provision of additional water closets	...	...	...	—	—	—
Provision of portable ashbins	...	...	...	47	—	95
Dirty closets	...	...	...	22	—	30

	Number of Informal Notices served by Sanitary Insp'tor	Number of Legal Notices served by Local Authority	Number of Nuisances abated with or without Notice
<i>Drainage—</i>			
No disconnection of waste pipe	—	—	—
Defective waste pipe, traps, inlets and drains	48	17	32
Drains obstructed	69	—	61

Other Defects—

Paving of courts and yards ...	32	20	85
Roofs, eaves-spouts and down- spouts	28	26	165
Sinks	6	7	22
Insufficient ventilation	11	—	65
Windows	4	9	40
Dampness	36	32	124
Water in cellars	—	—	—
Water supply	—	10	6
Foul condition of houses ...	6	—	6
Offensive accumulations ...	25	6	27
Animals improperly kept ...	3	—	4
Pigsties	10	—	10
Smoke nuisances	—	—	—
Urinals	—	—	—
Nuisances not specified above ...	10	—	388
Totals ...	406	127	1,617

	Number on Register	Inspections made	Notices served	Nuisances abated with or without Notice
Dairies, Cowsheds and Milkshops	164	204	23	18
Bakehouses	4	30	—	1
Slaughter-houses	13	883	—	3
Offensive Trades	17	34	—	—
Common Lodging-houses...	—	—	—	—
Totals ...	198	1151	23	22

Number of infected rooms disinfected—1911.

Samples submitted for Examination—Water, 34.

27 samples of milk were tested for sediment, all of which proved satisfactory.

During the year under review 3,961 visits were made, details of which are set forth in the following Table:—

Nature of Visits	Total
General District Inspection	196
Inspection of works in progress	861
Interviews and appointments	367
Investigations of complaints of nuisances	227
Testing drains	31
Inspections of shops, factories, workshops, stables, etc. ...	68
Inspections of slaughter-houses	883
Visits respecting cases of infectious disease	137
Housing Act inspections	124
Inspections of cowsheds, dairies, workshops, etc. ...	268
Inspections of sewage works, refuse tips and scavenging ...	410
Water, sewage effluents, and milk samples... ..	74
Inspections of cinematograph halls	15
Visits to overcrowding and slum clearance	350
Total	4,011

The total number of Notices served are set out as under:—

	Structural defects	Nuisances	Total
Preliminary Notices on owners ...	331	12	343
Statutory Notices on owners ...	120	7	127
Preliminary Notices on occupiers ...	—	61	61
Statutory Notices on occupiers ...	—	—	—
Total ...	451	80	531

The number of complaints received during the year was 227. A large number of them were of a trivial nature and could not be dealt with under the Public Health Acts. In every case where a complaint was found to be bona-fide, action was duly taken.

FOOD INSPECTION.

Public Health (Meat) Regulations, 1924.—At the end of the year the premises coming within the scope of these Regulations, and a number of Inspections made, were as follows:—

					On Registers	Inspections
Slaughter-houses	...	...	...	...	13	883
Butchers' Shops	...	...	...	...	26	1,009
Butchers' Stalls	...	...	...	...	11	98
Provision Shop and Stalls	...	...	...	...	36	418
Total				...	<u>86</u>	<u>2,308</u>

The utmost co-operation and desire to carry out the terms of the regulations by the traders affected have been met with.

Slaughter-houses.—The standard of cleanliness has been maintained during the year. Four minor defects were remedied after interviewing the owners.

The times of slaughter vary according to the season. Most of the butchers slaughter on Mondays in the winter, and as often as three days a week in the summer. Notification of intention to slaughter is in this case sent by the butchers to the Sanitary Inspector's office.

Shops, Stalls, Stores and "Making-up" Places.—All the shops are permanent buildings in good structural condition, with the necessary appurtenances and kept clean. There are nine meat stalls on Shirebrook Market, all in one row, and this arrangement works satisfactorily. All the stallholders willingly co-operated in carrying out the terms of the Regulations.

The "making-up" places were on the whole kept in a clean condition during the year.

Vehicles.—Covered vans are mostly used for delivering meat in the Northern Area. I am pleased to say that the butchers are ready to fall in with any suggestions offered to ensure cleanliness.

Meat Inspection.—During the year the carcasses and organs of 5,080 food animals were inspected in slaughter-houses and shops, and were generally of good quality. Parts condemned will be found under the heading "Food condemned and destroyed."

Pigs killed by cottagers. The number of visits made for the purpose of inspection was 148 as compared with 161 the previous year.

During the year 49 emergency calls under the Regulations were dealt with.

Food condemned and destroyed.—The undermentioned articles of food were condemned and destroyed as unfit for food:—

PORK.

1,714 lbs. of Pork	Tuberculosis
--------------------	-----	-----	--------------

BEAST.

30 Livers	...	...	Abscesses, Eccinococci, Cirrhosis and Melanosis
7 Sets of Lungs...	...	...	Abscesses.

BEEF.

10 Carcases of Beef and all Offal		Tuberculosis, Pneumonia and Septiceamia
430 lbs. Beef Offal	...	Pneumonia and Tuberculosis

MUTTON.

2 Carcases and all Offal	...	Dropsical
--------------------------	-----	-----------

Dairies, Cowsheds and Milkshops.

Number on Register	Inspections made	Applications for Registration	Names removed from Register
164	204	2	2

There were no refusals of application to register.

During the year 13 notices were served requiring limewashing of cowsheds; alterations and repairs were carried out in 5 cases.

Bakehouses.—There are four bakehouses in the area, and 30 inspections were made. The premises were found to be satisfactory with two exceptions, these were remedied after interview with the owners.

Workshops.—There are 28 workshops and workplaces on the register, and 34 visits of inspection were made.

Cinematograph Halls.—There are three of these buildings in the area, and 15 inspections were made. Two defects were remedied in the sanitary conveniences during the year, and the premises were kept in a clean condition, being frequently disinfected.

Offensive Trades.—The following Table shows the action taken under the bye-laws governing these trades:—

Trade	Number on Register	Inspections made	Nuisances abated
Fish Frier ...	17	34	2
Rag and Bone dealer	—	—	—

Disinfection.—This is carried out from Shirebrook for the whole district. During the year 571 bundles of bedding were removed to the disinfector at Shirebrook for steam disinfection. 1911 rooms or 382 houses were disinfected. Nine schools were disinfected.

Caravans.—There are 30 caravans in the district, and 140 inspections were made. The majority are of the ordinary type of movable caravan, others being converted railway carriages with extensions used as sculleries, store rooms, etc. 23 of these were included in clearance areas and an enquiry was held on 8th June.

Scavenging.—The Scavenging throughout the whole area has been carried out in a satisfactory manner. The parishes of Glapwell, Pleasley and part of Scarcliffe are under Council contract and Ault Hucknall by private owners.

Closet Accommodation.—The following Table shows the approximate number of each kind remaining at the end of the year in the Northern area:—

Privy Middens	Pail Closets	Water Closets
549	1,320	3,645

Shirebrook and Scarcliffe Scavenging.—The work of scavenging this large area has been carried out in a satisfactory manner. It is a rare occurrence to receive a complaint and then it is generally trivial.

Pail closets are emptied in the more densely populated parts twice weekly (the remainder being emptied once), ash bins are emptied weekly, ashpits about every three weeks and cesspools every three months.

During the year 36 ashpits were converted and sanitary bins substituted. 7,370 loads of refuse were removed and disposed of. The average yield per 1,000 population per day (365 days), was 31 cwts. This is a very high figure compared with the rest of the county.

An exceptionally high standard of efficiency has been maintained throughout the year, which to my mind would be difficult to excel.

Total number of tons removed	...	8,529
Number of houses and premises	...	3,326
Estimated population of district	...	15,100
Gross expenditure	... ..	£2,729

The following Table shows the cost of collection and disposal excluding purchase charges:—

UNIT COSTS.

Particulars.	Gross Cost.		
	£	s.	d.
Cost per ton (removal and disposal)		5	7
Cost per 1,000 population	157	5	10
Cost per 1,000 houses	716	13	4
Cost per house		14	4

The following Table gives details of the work carried out during the year:

Month	Dustbins Emptied	Ashpits Emptied	Pail closets Emptied	Cesspools Emptied	Total No. of Loads Removed
January ...	14,725	123	9,581	7	709
February ...	13,904	164	8,684	7	552
March ...	15,176	151	9,151	25	610
April ...	11,920	145	8,812	6	560
May ...	11,871	130	7,169	13	597
June ...	11,509	156	7,133	26	682
July ...	14,239	114	9,130	32	683
August ...	11,439	172	7,126	12	564
September ...	14,566	128	7,229	20	658
October ...	11,965	168	9,132	16	592
November ...	12,454	121	8,119	15	614
December ...	12,363	151	7,382	17	549
Totals ...	<u>156,131</u>	<u>1,727</u>	<u>98,648</u>	<u>196</u>	<u>7,370</u>

Every pail and dustbin is dusted with a good quality disinfecting powder after emptying.

Shops Act, 1936.—The number of inspections made under this Act was 18. One notice was served requiring the provision of a W.C., and the ventilation of two shops was improved after interviewing the owner.

Rats and Mice (Destruction) Act, 1919.—Powers under the above Act were delegated to the Council in June. During Rat Week, special efforts were made to deal with the menace. Posters were displayed throughout the district, and local chemists and hardware dealers assisted by displaying traps and poisons. Owners of premises were

interviewed and advice given on methods of destruction. A rat catcher was employed and the following results obtained:—

Number of rats killed and trapped ...	326
Number of baits laid	726
Number of baits taken	459
Number of burrows gassed	36
Number of buildings demolished ...	4

In December the Council appointed a part-time rat catcher.

Since Rat Week to the end of the year a further 280 rats were accounted for.

Disinfestation.—290 bundles of bedding were dealt with at the Steam Disinfector at Shirebrook.

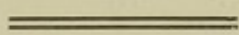
Samples.—During the year 74 samples of water, milk, and sewage effluents were obtained. Of this number 47 were submitted for analysis.

Petroleum Acts.—There are 19 premises registered under these Acts, which are visited at irregular intervals during the year.

Conversion of Privy Middens into Water Closets ...	20
Conversion of Pail Closets into Water Closets	349
Total ...	<u>369</u>

I. N. CREEAR, C.R.S.I., M.S.I.A.,

Sanitary Inspector, Northern Area.



Southern Area.

Name of Inspector, ROBERT CLARKSON, M.S.I.A., C.R.S.I.

Area of district, 7,296 acres.

Estimated number of houses, 5,275.

New houses erected 1937 :

(a) By Local Authority—34.

(b) By private enterprise—33.

SUMMARY OF INSPECTIONS:—

General Sanitation.

Water Supply	21
Water Samples obtained	3
Drainage	137
Stables and Piggeries	22
Sanitary Conveniences, Ashplaces and Ash Bins	1,273
Re-inspections of Sanitary Conveniences, Ashplaces and Ashbins	908
Fried Fish Shops	1
Tents, Vans and Sheds	3
Factories	1
Workshops	18
Workplaces	2
Bake-houses	12
Public Conveniences	3
Theatres and Places of Entertainment	1
Refuse collection	60
Refuse disposal	207
Rats and Mice	35
Schools	25
Shops Acts	33
Petroleum Acts	10
Inquiries <i>re</i> cases of Infectious Disease	75
Meetings	27

Interviews and appointments	...	...	...	...	403
Miscellaneous Sanitary Visits...	...	...	...	...	1,280
General Inspections	...	...	...	...	172

Housing.

Number of houses inspected under Public Health Acts	...	215
Visits paid to above houses	...	700
Number of houses inspected under Housing Acts	...	148
Visits paid to above houses	...	1,494
Number of houses inspected <i>re</i> overcrowding...	...	27
Visits paid to above houses	...	253
Number of verminous houses inspected	...	19
Visits paid to above houses	...	28
Miscellaneous housing visits	...	740

Meat and Food Inspection.

Visits to Slaughter-houses	...	1,333
Occasional slaughterings (Farms etc.).	...	5
Shops and Stalls (<i>re</i> meat)	...	339
Street Vendors and Hawkers Carts	...	43
Other Food Premises	...	5
Cowsheds inspected	...	291
Dairies and Milkshops inspected	...	171

SUMMARY OF NOTICES SERVED AND COMPLIED WITH:—

	Served during 1937.	Complied with during 1937.	Out- standing on 31/12/37.
Informal Public Health Act Notices	756	647	70
Statutory Public Health Act Notices	35	52	22
Statutory Housing Act Notices ...	75	120	78

SUMMARY OF SANITARY IMPROVEMENTS:—

<i>Dwelling Houses.</i>	Public Health Acts	Housing Acts	Total
Cleansed	25	—	25
Lighting Improved	4	9	13
Ventilation Improved	8	14	22
Windows repaired	22	173	195
Walls rendered free from dampness	43	159	202
Plasterwork repaired	21	71	92
Floors re-laid or repaired ...	25	134	159
Woodwork renewed or repaired	9	46	55
Flooding abated	7	—	7
Fireplaces and grates repaired ...	16	41	57
Kitchen boilers repaired ...	10	29	39
Cooking facilities improved ...	6	13	19
Food stores improved	7	85	92
Coal stores improved	8	35	43
Washing accommodation provided or improved	30	36	66
Internal water supply provided ...	35	28	63
Roofs repaired	27	65	92
Walls pointed and brickwork repaired	12	98	110
Chimney stacks repaired ...	2	30	32
Damp proof course provided ...	2	3	5
Eaves gutters or down spouts repaired	21	69	90
Yards and passages paved or repaired	30	74	104
Yards cleansed	40	—	40
Living vans removed	1	—	1
Wells and pumps filled in or abolished	2	2	4
Miscellaneous defects remedied...	17	8	25

Drainage.

Drains provided, re-laid or repaired	43	35	78
Drains cleansed	31	1	32
Gullies provided or repaired ...	14	41	55
Inspection Chambers provided or repaired	27	7	34
Ventilators repaired	3	2	5
Rain water cisterns repaired ...	—	5	5
Houses drained by provision of Cesspools	1	—	1
Cesspools repaired	2	—	2
Cesspools abolished	10	—	10

	Public Health Acts	Housing Acts	Total
Cesspools cleansed	3	—	3
Drains connected to sewer ...	18	—	18
Length of drainage examined ...	—	—	376 yards
<i>Sinks.</i>			
New sinks provided	62	74	136
New sink waste pipes provided ...	51	72	123
Sink waste pipes repaired ...	9	9	18
<i>Closet accommodation.</i>			
Buildings repaired	23	36	59
Closets cleansed	4	—	4
Water closet cisterns provided or repaired	7	2	9
Water closet pedestals renewed	2	—	2
Water closet flush pipe repaired	2	1	3
Closet pails renewed	143	—	143
<i>Ashplaces, Ashbins, etc.</i>			
Defective ashbins renewed ...	276	2	278
Ashplaces abolished	192	19	211
Ashbins provided in lieu of ashplaces	333	30	363
<i>Miscellaneous.</i>			
Dangerous and defective buildings demolished	3	—	3
Accumulations removed ...	19	—	19
Piggeries improved	2	—	2
Piggeries drained	2	—	2
Manure pits provided or repaired	4	—	4
Urinals repaired	1	—	1
Pit workings adequately fenced or filled up	1	—	1
Nuisances abated from keeping of animals	5	—	5

During the year it was necessary to take legal proceedings under the Public Health Act, 1875 (Section 91) against the owner of a house in respect of two defective floors. As the work was immediately put in hand the summons was withdrawn on the payment of £2 6s. 0d. costs. In another case it was necessary to provide a closet pail and recover the cost from the owner.

SANITARY ACCOMMODATION :—

The following sanitary conveniences and ashplaces were in use at the end of 1937 :—

Type of Convenience	S. Normanton	Pinxton	Parish of Blackwell	Tibshelf	Total
Water closets ...	1,145	552	527	370	2,594
Pail closets ...	704	820	632	421	2,577
Privies and Middens	3	—	20	47	70
Ashplaces ...	120	11	51	76	258

Conversions and alterations to sanitary conveniences were carried out during the year as follows :—

Type of Convenience	S. Normanton	Pinxton	Parish of Blackwell	Tibshelf	Total
Pail closets converted to water closets ...	81	17	28	10	136
Privies, ditto ...	2	—	6	5	13
Additional water closets provided ...	—	1	1	—	2
Water closets provided in connection with new houses	16	41	10	—	67
Privies converted to pail closets ...	—	—	—	1	1
Pail closets completely demolished	41	17	—	1	59
Privies, ditto ...	—	20	1	—	21

The number of conservancy closets abolished 229 is slightly more than those abolished during 1936, when the number was 219. It will be noted that the number of 228 includes 149 conversions to the water carriage system and 79 demolitions at houses which have been dealt with under the Housing Acts. The whole of the conversions have been carried out by the various owners, chiefly with the assistance of the special grant made by the Council for such work. The amount of the grant varying from £3 to £3 10s. No general scheme of conversion was carried out by the Council, due to the introduction of the Public Health Act, 1936, which materially affects the amount the Council must contribute to such work, and to the sharp increase in the price material experienced about the middle of the year.

The numbers of insanitary ashplaces in use in the various parishes has been further reduced during the year—211 ashplaces having been abolished affecting 363 houses, which are now provided with dustbins. It is intended to eventually secure the removal of all ashplaces and their substitution by suitable dustbins. With this end in view the Council at their November meeting took advantage of the powers conferred on them by the introduction of the Public Health Act, 1936, and adopted a standard specification for dustbins.

HOUSING ACT, 1936 :—

Number of dwelling-houses inspected	...	...	...	148
Number of such houses found to be unfit for human habitation	...	...	...	74
Number of such houses found to be not in all respects reasonably fit for human habitation	...	...	...	74

Sections 9, 10, 16.

Number of houses rendered fit for human habitation :—

(a) By owners	...	...	...	119
(b) By Local Authority in default of owners	...	...	...	1

Sections 11, 13.

Number of houses represented as unfit	...	...	...	13
Number of Demolition Orders made	...	...	...	9
Number of dwelling-houses demolished	...	...	...	17
Number of undertakings accepted	...	...	...	4
Number of houses rendered fit in accordance with undertakings	...	...	...	5

Part 3—Clearance Areas.

Number of Clearance Areas represented	...	...	...	23
Number of dwelling-houses in above Clearance Areas	...	...	...	91
Number of persons residing in above Clearance Areas	...	...	...	255
Number of dwelling-houses demolished :—				
(a) By owners	...	...	...	54
(b) By Local Authority in default of owners	...	...	...	10

Part 4—Overcrowding.

Number of dwellings overcrowded at the end of the year	...	...	...	39
Number of families dwelling therein	...	...	...	39
Number of persons dwelling therein	...	...	...	290½
Number of new cases of overcrowding reported during the year	...	...	...	16
Number of cases of overcrowding relieved during the year	...	...	...	34
Number of persons concerned in such cases	...	...	...	234

Eradication of Bed Bugs.

The Council continue to employ an expert firm of removal and fumigation contractors to deal with all cases of re-housing from unfit and overcrowded houses. The furniture and effects of all persons moved from this class of house to a new Council house is first treated with Hydrogen Cyanide, and all the bedding and clothing is steamed disinfected at the Council's own plant at Shirebrook.

During the past year 34 families have been dealt with as follows:—

Families re-housed from Clearance Areas...	...	...	27
Families re-housed from individual unfit houses	...	...	5
Families re-housed from overcrowded houses	...	...	2

This work has necessitated the fumigation with Hydrogen Cyanide of 38 van loads of furniture and the steam disinfection of 152 bundles of bedding and clothing.

Number of dwelling houses found to be bug infested:—

(a) Council houses	...	...	...	...	...	—
(b) Other houses	...	...	...	...	...	7
(c) Total number of houses disinfested	...	...	...	...	...	7

The work of disinfestation of the seven houses referred to above was carried out as follows:—

(a) By Local Authority at expense of owner	2
--	-----	-----	---

In these cases Lawes Block Disinfestors were used with very successful results.

(b) By the owners 5

In these cases the owners carried out the work by the removal of infested woodwork, spraying insecticides and fumigating with sulphur.

SUPERVISION OF FOOD SUPPLIES:—

Slaughterhouses.

There are 15 private slaughterhouses in the district, all of which are subject to annual licensing. These premises have been maintained in a satisfactory state throughout the year. Seven preliminary notices were served and in consequence the following work was carried out:—

Slaughter-houses cleansed	...	...	...	...	...	2
Accummulations removed	...	...	...	...	...	3
Offal bins provided	...	...	...	...	...	1
Manure pits abolished and bins provided in lieu	...	...	...	...	...	1

Slaughter of Animals Act, 1933.

Two contraventions of this Act were observed (the use of a pole axe to stun a cow and the failure to use a humane killer on a calf) and warning letters were issued in both cases. Sheep continue to be exempted from the use of the humane killer.

No. of Animals Slaughtered and Inspected.

	Beasts	Calves	Pigs	Sheep & Lambs	Total
Killed in					
Private Slaughter-houses	1,217	59	2,354	1,932	5,562
Killed on Farm Premises	—	—	6	—	6
Number inspected ...	1,217	59	2,360	1,932	5,568

Condemnation of Unsound Food.

ALL DISEASES EXCEPT TUBERCULOSIS.

	Beasts	Calves	Pigs	Sheep & Lambs
Whole carcasses condemned...	1	—	1	—
Carcasses of which some part or organ was condemned...	114	2	66	11
Percentage of number inspected affected with disease other than tuber- culosis	9.45	3.39	3.26	.57

TUBERCULOSIS ONLY.

Whole carcasses condemned...	4	2	—	—
Carcasses of which some part or organ was condemned...	183	—	151	—
Percentage of number inspected affected with Tuberculosis	15.36	3.39	6.39	—

The whole of the food condemned, which this year totals 5 tons 11 cwts 1 stone 3 lbs., is destroyed at the Kirkby destructor and I have to thank the Kirkby Inspector for continuing to assist in this important matter.

Details of the unsound food condemned are as follows:—

Beef	...	...	...	...	...	...	3,377 lbs.
Beef Offal	...	...	...	...	...	...	6,751 lbs.
Pork	...	...	...	...	...	...	1,217 lbs.
Pork Offal	...	...	...	...	...	...	835 lbs.
Mutton Offal	...	...	...	...	...	...	40 lbs.
Veal	...	...	...	...	...	...	169 lbs.
Veal Offal	...	...	...	...	...	...	40 lbs.
Tinned goods	...	...	...	...	...	...	21 lbs.

(Beef 3, Fruit 13, Milk 11, Fish 7)

A careful post-mortem inspection is made of all animals slaughtered and for this purpose 1,333 visits were paid to slaughterhouses. It is only on rare occasions that it is possible to make an ante-mortem inspection of animals intended for food. The number of farmers and cottagers slaughtering animals on their own premises has been considerably reduced during recent years. Only six animals were slaughtered at such premises, necessitating five visits. The supervision of places in which food is prepared and sold continues to take up much of your Inspector's time. For this purpose 344 shops and 43 vans have been inspected.

Two contraventions of the Public Health (Meat) Regulations, 1924, were remedied after the service of preliminary notices, but in another instance it was necessary to take legal proceedings against a butcher. In this case the butcher was fined £6 and £1 10s. costs in respect of the following contraventions :—

Article 9.—Failure to give notice of diseased animal.

Article 10.—Removal of diseased meat without authority and before inspection.

Milk and Dairies Order, 1926.

Number of cowsheds, dairies and milkshops registered	...	213
Alterations during the year :—		
Cowkeepers and retail purveyors removed	... ..	1
Cowkeepers and retail purveyors added	.. ...	1
Retail purveyors added...	... ..	2

Increased attention has been paid to the conditions under which milk is produced and distributed and as a result it is gratifying to be able to report that many premises have been brought up to the requirements of the Order. In a number of cases ordinary farms, which were previously producing milk of an unsatisfactory bacterial standard, are now producing milk which is of "Accredited" standard. A total of 462 inspections of cowsheds, dairies and milkshops has been made.

Number of notices served—35.

The improvement resulting from the service of these notices are set out below:—

New cowsheds erected	2
Lighting and ventilation of cowsheds improved	11
Lofts removed from cowsheds	2
Cowshed floors and channels repaired or renewed	12
Rendering of rear walls	18
Boskins renewed	8
Feeding troughs renewed	6
Cowsheds provided with internal water supply	3
Cowshed buildings repaired	4
Drained to sewer or cesspool	4
Cowsheds cleansed	6
New dairies provided	11
Dairies improved	3
Coolers provided	3
Facilities for cleansing and sterilising utensils	5
Cleansing of udders	1
Cleansing of milk stools	3
Milking in proper artificial light	1
Manure pit provided	1
Accumulations removed	1
Approaches paved	4

Legal proceedings were taken in one case for failure to register and milking in a dirty manner and in a dirty shed. A fine of £1 15s. 0d., together with costs £1 9s. 0d. was imposed.

Milk Samples.

The following samples were submitted to the County Health Department for examination:—

METHYLENE BLUE TEST.

No. of samples of ordinary new milk found to be satisfactory...	16
No. of samples of ordinary new milk found to be unsatisfactory	11
Total number of samples examined	<u>27</u>

TEST FOR COLIFORM ORGANISMS.

No. of samples of ordinary new milk found to be satisfactory...	17
No. of samples of ordinary new milk found to be unsatisfactory	10
Total number of samples examined	<u>27</u>

Where unsatisfactory samples are obtained warning letters are sent to the producers. These are followed up by further samples, and considerable improvements have been secured in all cases.

BIOLOGICAL EXAMINATIONS.

Thirteen samples of new milk have been examined for the presence of Tubercle Bacilli; twelve of which gave negative results and one was found to be positive. The County Veterinary Inspector was successful in finding and removing the diseased cow from the herd. When slaughtered this animal was found to be in an advanced state of Tuberculosis.

Milk (Special Designations) Order, 1936.

Number of Licences to retail Pasteurised Milk	5
Number of Supplementary Licences to retail Pasteurised Milk	1
Total number of Licences granted	<u>6</u>

Five samples of Pasteurised Milk submitted for bacteriological examination were found to be satisfactory.

WATER SUPPLY :

Number of samples submitted for chemical analysis ...	1
Number of samples submitted for bacteriological examination	2

All the samples submitted for examination were reported to be unsatisfactory. The following improvements have been effected:—

Wells closed	4
Houses provided with piped supply of water	2
Houses provided with an internal supply of water and stand pipes abolished	63
Number of certificates issued under Public Health (Water) Act, 1878	11
Notices outstanding on 31/12/37	1

FACTORY AND WORKSHOP ACTS:—

Number of inspections ...	...	...	...	...	...	33
Number of notices served	...	...	...	...	...	6

Improvements effected.

Closet accommodation (defects remedied)	...	...	...	...	1
Lighting and ventilation improved	...	...	...	...	1
Floors repaired ...	...	...	...	...	1
Refuse accommodation provided	...	...	...	...	1
Buildings repaired	...	...	...	...	2
Workshops cleansed	...	...	...	...	4

SHOPS ACTS:—

Number of shops inspected	...	...	...	...	...	33
Number of notices served	...	...	...	...	...	5

The following schedules give details of contraventions found and work carried out:—

Contravention	Found	Remedied	Out-standing
Failure to allow assistant half-day holiday ...	1	1	—
Employment of young persons in excess of hours permitted ...	2	2	—
Failure to allow proper intervals for meals ...	2	2	—
Absence of suitable provision for taking meals on premises ...	2	1	1
Insufficient closet accommodation	3	2	1
Absence of washing facilities ...	2	1	1
Failure to display Statutory Notices	2	1	1
No provision to maintain premises at suitable temperature ...	1	—	1
TOTAL	15	10	5

One Exemption certificate has been issued under Section 10 (2) of the Shops Act, 1934, in respect of sanitary accommodation.

RATS AND MICE DESTRUCTION ACT, 1919 :—

The administration of this Act has been delegated to this Council by the Derbyshire County Council.

During the year 35 inspections were made and particular attention was paid to all the Council's sewage works and tips throughout the year. Special action was taken during National Rat Week by displaying large posters throughout the whole district and forwarding special letters, together with copies of Leaflet No. 49 of the Ministry of Agriculture and Fisheries, to all premises which are liable to rat infestation. Local chemists and hardware dealers co-operated by making special displays of poisons and traps.

In December the Council appointed a part-time Rat Catcher to assist with this work.

No. of rats killed (traps, dogs, poison, etc.).	...	...	...	778
No. of burrows gassed with "Cymag."	...	...	...	56

PETROLEUM ACTS :—

Number of Licenses granted	...	...	...	...	23
Number of Licenses transferred	...	...	...	...	1

These premises have been maintained in a satisfactory condition during the year.

SCAVENGING.

The Council undertake the collection and disposal of refuse in the whole of the area.

COLLECTION.

This work is carried out by three 30 cwt. specially constructed refuse vehicles (one Ford, two Morris Commercial), one horse drawn

refuse cart and the occasional use of a sanitary barrel. Night soil is collected by means of a specially constructed tank which is fitted in one of the motor refuse vehicles.

Premises dealt with.

Number of Ashbins	...	4,809	(388 bins are emptied twice per week and 4,421 bins are emptied weekly).
Number of Ashplaces	...	258	(cleansed every two weeks).
Number of Privies & Middens	70		(cleansed every two weeks).
Number of Closet pails	...	2,577	(cleansed weekly).
Number of Cesspools	...	33	(cleansed every three months).

DISPOSAL :—

All refuse is disposed of by tipping and night soil is carted on to agricultural land for use as manure. The tipping of refuse is now being carried out in a much better manner. During the year a new tip was opened at Fulwood and work on the South Normanton Miners' Welfare Sports Ground was completed. Tipping at Fulwood is being carried out on a properly controlled basis.

Refuse dealt with						Weight of Refuse collected and disposed of in Tons (approx.)
SOUTH NORMANTON :						
By Motor	...	...	...	...	...	3,220
By Horse and Cart	...	...	...	...	...	64
PINXTON :						
By Motor	...	...	...	...	...	2,632
BLACKWELL AND TIBSHELF :						
By Motor	...	...	...	...	...	3,241
By Horse and Cart	...	...	...	...	...	900
Total						10,057

Refuse dealt with	Weight of Refuse collected and disposed of in Tons (approx.)
LOADS OF NIGHT SOIL REMOVED :	
By Motor 	1,122
By Horse and Barrel	185
LOADS SEWAGE REMOVED FROM CESSPOOLS :	
By Motor 	141
By Horse and Barrel	74

Although it is not possible to weigh all the refuse, a number of loads selected from different parts of the district at varying seasons of the year are weighed and the total weight is based on the average of these. Based on these figures the average yield of refuse per 1,000 persons was 26·8 cwts. per day, which is very much in excess of the daily yield for the whole country. The average amount of refuse per house per annum is 1·9 tons.

ROBERT CLARKSON, M.S.I.A., C.R.S.I.,

Sanitary Inspector, Southern Area.

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