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Contributors

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ABRIDGED ANNUAL REPORT OF MEDICAL OFFICER OF HEALTH
AND SANITARY INSPECTOR FOR 1940

Dear Sirs,
Gentlemen,

We have the honour to present an abridged report for the year 1940 as requested by the Ministry of Health.

GENERAL STATISTICS.

Area	4,771 acres
Population (1939)	9,417
Number of inhabited houses	2,949
Rateable Value	£ 64,137
Sum represented by penny rate	£249

The chief industries in the District remained materially the same as in peace-time.

As a reception area for evacuation the population of the District has increased very considerably, and, as large numbers of persons keep coming and going, no stable figure for population is possible. During 1940 the increase varied, roughly, from 1/10th to 1/3rd or more of the normal population. This put an increased strain upon the Sewage Disposal Works but the plant has stood up to the strain successfully.

Hostels and requisitioned houses for evacuated persons numbered 23 in the year 1940.

VITAL STATISTICS:

It is impossible to produce any reliable figure for birth and death rates owing to the continually changing population, and the difficulty in deciding who belong to the district and to the absence of many on Active Service.

The total number of births in the District was 152, which is appreciably higher than the average; the majority of confinements occurring amongst evacuated women took place outside the area - in a maternity hospital - and are not included in this figure.

The deaths numbered 179, which is considerably above the normal number. No deaths due directly to enemy action occurred in the District.

	Total.	M.	F.
Live Births	140	69	71
Legitimate	140	69	71
Illegitimate	8	6	2
Still Births	4	2	2
<hr/>	<hr/>	<hr/>	<hr/>
	152	77	75
<hr/>	<hr/>	<hr/>	<hr/>
Deaths	179	96	83
Deaths from Puerperal Causes	Nil		
Deaths of Infants under one year of age	6		

Other figures for Vital Statistics must await the reception of the Registrar General's figures.

HEALTH SERVICES.

Hospital and ambulance facilities remain unchanged. In addition to the existing staff, a nurse is employed for a clinic for evacuated school-children and a Health Visitor for evacuated babies.

MATERNITY AND CHILD WELFARE.

In addition to the clinic for resident mothers and children, a second clinic has been instituted for evacuated mothers and children which has one session every week and is conducted by a doctor and the evacuee health visitor, and voluntary lady helpers.

A day nursery has been started for infants of mothers who go to work and there is also a sick-bay for children with scabies or impetigo.

WATER. Three samples from the supply main and four from individual wells were analysed during the year. These were all satisfactory save one from No.7 Well, an auxiliary supply which had been standing dormant for some time. After being pumped out for a week, subsequent analysis produced a good report.

There was a considerable increase in the consumption through the year, the addition of three or four thousand in population accounting for this. At certain times it was not possible to keep the service reservoirs full, as the demand exceeded the capacity of the trunk main to deliver. The wells kept at their average level and shortage was occasioned only by reason of a restricted main capacity. Surveys were made with a view to the provision of an additional trunk main, and this and possibly a booster pump scheme are now under consideration.

There have been no additions or extensions of supplies or mains during the year.

The necessary mains and connections have been made and pumps obtained to use River Holland water, filtered and chlorinated through the Public Baths Plant, in case of serious emergency. A list of all existing wells has also been recorded.

A copy of the result of the analysis and Report of the Leicestershire County Council, dated 21st August, 1940, regarding the last sample from the town main is appended.

Appearance in 2ft. tube Clear.
Odour Nil.
Reaction pH 7.1 (Slightly Alkaline).
Hardness

	Parts per 100,000	Grains per Gallon
Free and Saline Ammonia	0.003	0.0021
Albuminoid Ammonia	0.009	0.0063
Chlorine in Chlorides	2.0	1.4
(Equal to Chloride of Sodium)	3.3	2.31
Nitrogen in Nitrates	0.5	0.35
Oxygen absorbed in 4 hours	-	-

Remarks: Coliform organisms absent from 10 c c's.

Opinion: The analysis shows this to be a fair sample of water suitable for drinking.

Fifty-eight houses are supplied with water from 25 private wells, and the remainder are connected to the public piped supply. All private wells were sampled for the detection of pollution, and proved satisfactory with one exception. In the latter instance, appropriate measures were taken to remove the source of pollution.

DRAINAGE AND SEWERAGE.

No alteration or extension of the system was carried out. Plans are being prepared, however, for a relief outfall sewer between the lower part of the town and the disposal works, together with some proposals for enlarging the capacity of the latter to meet the large increase in flow brought about by the considerable rise in population.

CLOSET ACCOMMODATION.

Thirty-one newwater closets were connected to the sewerage system. The total number in the district was thereby increased to approximately 3,960.

PUBLIC CLEANING.

Conditions in this service continued on similar lines to the previous year. 2,647 tons of refuse were delivered to the Destructor, and good progress was made in the salvaging of various materials.

SANITARY INSPECTION OF THE AREA.

3.

Complaints received and investigated	77
Defects and nuisances dealt with	299
Inspection notices served	186
Statutory " "	1

Inspections:-

CHIEFLY

1st Visits. Revisits.

Dwelling-houses (all purposes)	410	357
(Musar habitations)	1	-
Regional Slum-houses	1	48
Food premises	16	2
Dairies and Cowsheds	16	33
Offensive Trades	5	2
Animal Keeping	18	1
Factories etc.	43	7
Other premises	108	49
Total	618	897

Dwelling-houses:-

Repairs etc effected	43
Dustbins provided	124
Unfit house closed	1

Factories etc:-

Defects remedied	2
Means of escape in case of fire:	
Provided or improved	2
Certificates issued	1

Miscellaneous Nuisances etc:-

Drain defects attended to	13
Offensive accumulations removed	9
Infestations of rats and mice dealt with	27
Other defects remedied	26

Disinfection and Disinfection:-

Infected rooms fumigated	131
Verminous rooms treated	32
Articles of bedding, clothing etc :	
Steam disinfected	1,926
Destroyed	85
Other articles disinfected	617

(Note: the increased number of articles was largely due to work in connection with Evacuation and R.P. Services).

Special Classes of Premises and Occupations subject to Control :-

	<u>Fish Frier.</u>	<u>Rag & Bone Dealer.</u>
Written Consent of establishment renewed	4	1
Contravention of Bye-laws dealt with	-	1
Number in District at end of year :		
Subject to written Consent	1	1
Not subject to written Consent	5	2

The trade of Fish Frier ceased to be subject to written Consent on 30th September, 1940, in accordance with Section 107 of the Public Health Act 1936. Application was made to the Ministry of Health for an Order authorising the continuation of control, but this was not granted.

Petrol and Carbide Stores :-

	<u>Petroleum Spirit.</u>	<u>Carbide of Calcium.</u>
Number of Licences issued	1	-
Number of Licences renewed	1	2
Number of Licences issued	1	-

The only one in the District is a covered Swimming Bath owned by the Council. The water purification plant continued to function efficiently and daily tests were made by the Manager. One sample of the water was bacteriologically examined and the result was satisfactory.

HOUSING.

Twenty houses have been erected by private enterprise during the year. The total number constructed since 1919, when building operations were resumed after the Great War, is now 1,047, representing more than one-third of the housing accommodation of the area.

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)	126
	(b)	Number of inspections made for the purpose	182
(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.....	-
	(b)	Number of inspections made for the purpose	-
(3)		Number of dwelling-houses found to be 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	29

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....	29
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3. Action under Statutory Powers during the year .. Nil

4. Housing Act, 1936 - Part IV - Overcrowding:-

Owing to the difficulties of the present situation, it has not been possible to avoid overcrowding in certain instances, but every effort has been made to provide for the health and welfare of the increased population, and special attention has been given to individual cases.

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply:-

Trade. No. on Register.

Cowkeepers only	3
Retailers only	5
Retailers and cowkeepers ..	7
Farms and other Premises ..	22

The following Licences have been issued under the Milk (Special Designations) Order, 1936 & 1938:

"Pasteurised" Milk	1
"Tuberculin Tested" Milk (Donors)	3
"Tuberculin Tested" Milk (Supplementary) ..	1

Milk Sampling:-

<u>CLASS.</u>	<u>Number of samples taken for bacteriological examinations.</u>	<u>Number Satisfactory.</u>	<u>Number Unsatisfactory.</u>
Designated	8	7	1
Ordinary	6	6	-

The unsatisfactory sample was of milk from another area, and the Licensing Authority concerned was notified of the result.

Defects remedied at dairies and cowsheds	4
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The three slaughter-houses forming one building and owned by the Council, were enlarged and commenced to operate in January as a Regional Slaughter-house under the Ministry of Food. During the period from commencement until the end of the year, 9,386 animals were slaughtered there. All meat was examined and the total quantity condemned as unfit for human consumption amounted to 13 tons 7 cwt. 3 grs. 5 lbs.

Carcasses Inspected and Condemned.

	<u>Cattle</u> <u>excluding</u> <u>cows</u>	<u>Cows.</u>	<u>Calves</u>	<u>Sheep</u> <u>and</u> <u>Lambs</u>	<u>Pigs.</u>
Number killed and inspected	1035	197	265	7034	855
All diseases except Tuberculosis :-					
Whole carcasses condemned	9	4	4	109	2
Carcasses of which some part or organ was condemned	295	34	2	172	13
Percentage of the number inspected affected with disease other than Tuberculosis	29.37	21.32	2.36	4.00	1.75
Tuberculosis only :-					
Whole carcasses condemned ...	5	8	-	-	-
Carcasses of which some part or organ was condemned	51	37	1	-	29
Percentage of the number inspected affected with Tuberculosis	5.41	22.84	0.38	-	3.39

Other food submitted for examination and condemned amounted to 372 lbs.

Defects remedied at Food Premises 17

Slaughter of Animals Act 1933 :

Licences issued 2
Licences renewed 16

OTHER ACTIVITIES.

Other duties carried out by the Sanitary Inspector include the following:-

Chief Billeting Officer for the reception of evacuees, continued from the previous year until April 1940.

Officer in charge of furnishing a considerable number of empty properties and vacant rooms for the accommodation of evacuees from September to the end of the year.

Gas Contamination Officer for the Decontamination of food contaminated by poison gas.

INFECTIOUS DISEASES:-

Scarlet Fever ....	....	....	....	57
Diphtheria ....	....	....	....	2
Pneumonia ....	....	....	....	15
Cerebrospinal Fever ....	....	....	....	2
Erysipelas ....	....	....	....	2

The epidemic of Scarlet Fever occurred in the beginning of the year, and the infection was imported by evacuated children. During February and March there was a very widely spread epidemic of German Measles and, later in the year, from September to December there were over 300 cases of Measles.

Ten new cases of pulmonary tuberculosis were notified and one of non-pulmonary. There were three deaths from tuberculosis.

Yours faithfully,

CHARLES T. SCOTT,

Medical Officer of Health.

BERNARD G. ELLIOTT,

Sanitary Inspector.

The first five specimens found in the field by the Council, were analyzed and reported to the Ministry of Health. The other four specimens were analyzed in the laboratory of the Council. All four were found to be positive for the virus. The total number of specimens analyzed in the laboratory was 13 and 7 out of 13 were found to be positive.

Specimens Analyzed and Reported

Specimen No.	Date	Source	Result	Remarks
101	1957	100	Positive	Specimen from the field
102	1957	100	Positive	Specimen from the field
103	1957	100	Positive	Specimen from the field
104	1957	100	Positive	Specimen from the field
105	1957	100	Positive	Specimen from the field
106	1957	100	Positive	Specimen from the field
107	1957	100	Positive	Specimen from the field
108	1957	100	Positive	Specimen from the field
109	1957	100	Positive	Specimen from the field
110	1957	100	Positive	Specimen from the field
111	1957	100	Positive	Specimen from the field
112	1957	100	Positive	Specimen from the field
113	1957	100	Positive	Specimen from the field
114	1957	100	Positive	Specimen from the field
115	1957	100	Positive	Specimen from the field
116	1957	100	Positive	Specimen from the field
117	1957	100	Positive	Specimen from the field
118	1957	100	Positive	Specimen from the field
119	1957	100	Positive	Specimen from the field
120	1957	100	Positive	Specimen from the field

Other specimens submitted for analysis and reported as follows:

Specimen No.	Date	Source	Result
121	1957	100	Positive
122	1957	100	Positive
123	1957	100	Positive
124	1957	100	Positive
125	1957	100	Positive
126	1957	100	Positive
127	1957	100	Positive
128	1957	100	Positive
129	1957	100	Positive
130	1957	100	Positive

OTHER ACTIVITIES

Specimens submitted by the Council Inspector for analysis and reported as follows: ...
The Council Inspector for the reception of specimens, submitted for analysis, reported that the specimens were found to be positive for the virus. The total number of specimens analyzed in the laboratory was 13 and 7 out of 13 were found to be positive.

REFERENCES

- 1. Council Inspector for the reception of specimens, submitted for analysis, reported that the specimens were found to be positive for the virus.
- 2. Council Inspector for the reception of specimens, submitted for analysis, reported that the specimens were found to be positive for the virus.
- 3. Council Inspector for the reception of specimens, submitted for analysis, reported that the specimens were found to be positive for the virus.
- 4. Council Inspector for the reception of specimens, submitted for analysis, reported that the specimens were found to be positive for the virus.
- 5. Council Inspector for the reception of specimens, submitted for analysis, reported that the specimens were found to be positive for the virus.

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Medical Officer of Health
 EDWARD C. HARTLEY
 Sanitary Inspector