

[Report 1953] / Medical Officer of Health, Sleaford U.D.C.

Contributors

Sleaford (England). Urban District Council.

Publication/Creation

1953

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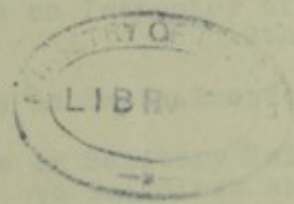
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SLEAFORD URBAN DISTRICT
COUNCIL.

ANNUAL REPORT
OF THE
MEDICAL OFFICER OF HEALTH
AND
SANITARY INSPECTOR
FOR THE
YEAR
1953.



BOUND

ROBERT

STATION

ROBERT

SLEAFORD URBAN DISTRICT COUNCIL.

PUBLIC HEALTH COMMITTEE.

Councillor A. Buttler, J.P., (Chairman of the Council.)
Councillor E. W. Elmore. (Chairman of the Committee.)
Councillor S. S. Williams.
Councillor W. Rudkin.
Councillor F. Gostick.
Councillor L. Buttler.
Councillor J. W. Dick.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

MEDICAL OFFICER OF HEALTH.

John W. Scholey, M.B., Ch.B.

SANITARY INSPECTOR AND HOUSING OFFICER.

T. E. Dagwell, M.R.S.I., M.S.I.A.

Certificate of the Royal Sanitary Institute and Sanitary Inspectors'
Examination Joint Board.

Certificate of the Royal Sanitary Institute as Inspector of Meat and
Other Foods.

Certificate of the Royal Sanitary Institute as Smoke Inspector.

Certificate of the Royal Sanitary Institute in Sanitary Science as applied
to Buildings and Public Works.

HOUSING OFFICER'S ASSISTANT
AND CLERK TO THE SANITARY INSPECTOR.

H. G. Battram.

12, Market Place,

SLEAFORD,

Lincs.

14th December, 1954.

Mr. Chairman, Gentlemen,

I beg to present to you the Annual Report for the year 1953.

It will be seen that the health of the community compares very favourably with that of the rest of the country and we were lucky in experiencing no major outbreak of any serious infectious illness. There was a fairly widespread epidemic of Influenza during the first two months of the year but on the whole it was of a mild type.

There is still some difficulty in getting the public to make full use of the availability of inoculations against Diphtheria and vaccination against Smallpox. The success which these preventive measures have achieved against disease has led to some complacency. It is only by the continued use of these measures that we can hope to keep Diphtheria and Smallpox under such good control.

Although no cases of food poisoning have been notified during the year, it is to be hoped that all food handlers will make every effort to observe the highest standard of hygiene and cleanliness. Certainly many shops are now making great efforts to improve the handling of food.

Considerable progress has been made on the new sewage works and this will be of great help in view of the rapid completion of new houses.

During the year the Laundon Nursing Home passed out of private hands and has since continued under State Control. The full bed state points to the popularity with which mothers view this amenity and it has functioned very smoothly.

The town still lacks other hospital facilities and great efforts are being made to try and convince the authorities of the necessity of providing these facilities for an area which is situated so far from main hospital centres.

I would like to take the opportunity of thanking the Chairman and members of the Health Committee for their help and co-operation in my work.

Yours faithfully,

JOHN W. SCHOLEY.

Medical Officer of Health.

GENERAL STATISTICS.

Area in acres.	4,549.
Population - 1951 census.	7,282.
- Registrar General's Estimate, 30.6.53.	7,204.
Number of inhabited houses according to the Rate Book.	2,360.
Number of new houses completed during the year.	61.
Rateable value as at 1st October 1953.	£52,931.
Sum represented by a penny rate.	£212.

VITAL STATISTICS.

<u>BIRTHS.</u>		<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
<u>Live Births.</u>	Legitimate.	59	55	114
	Illegitimate.	4	-	4
		63	55	118
<u>Still Births.</u>	Legitimate.	2	1	3
	Illegitimate.	1	-	1
		3	1	4

Birth Rates.

	1952.	1953.
Birth Rate (Crude) per 1,000 of the estimated population.	17.16	16.38
Birth Rate (Corrected) per 1,000 of the estimated population.	16.99	16.22
Birth Rate per 1,000 of the estimated population. (England and Wales.)	15.3	15.5
Still Birth Rate per 1,000 of the estimated population.	0.98	0.55

<u>DEATHS.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Number of deaths.	77	59	136
Death Rate (Crude) per 1,000 of the estimated population.	14.35	18.68	
Death Rate (Corrected) per 1,000 of the estimated population.	13.20	17.37	
Death Rate per 1,000 of the estimated population. (England and Wales.)	11.3	11.4	

<u>Deaths of Infants under 1 year.</u>	<u>Male.</u>	<u>Female.</u>	<u>Total.</u>
Number of deaths - Legitimate.	3	0	3
- Illegitimate.	<u>0</u>	<u>0</u>	<u>0</u>
	3	0	3

Death Rate per 1,000 live births.

Death Rate per 1,000 live births.
(England and Wales.)

	1952.	1953.
Death Rate per 1,000 live births.	40.98.	25.42
Death Rate per 1,000 live births. (England and Wales.)	27.6	26.8

<u>CAUSES OF DEATH.</u>	<u>MALE.</u>	<u>FEMALE.</u>	<u>TOTAL.</u>
	<u>77</u>	<u>59</u>	<u>136</u>
Respiratory Tuberculosis.	1	0	1
Other Tuberculosis.	0	0	0
Syphilitic Disease.	0	0	0
Diphtheria.	0	0	0
Whooping Cough.	0	0	0
Meningococcal Infections.	0	0	0
Acute Poliomyelitis.	0	0	0
Measles.	0	0	0
Other infective and parasitic diseases.	1	0	1
Malignant neoplasm, stomach.	1	3	4
Malignant neoplasm, lung, bronchus.	3	0	3
Malignant neoplasm, breast.	0	5	5
Malignant neoplasm, uterus.	0	0	0
Other malignant and lymphatic neoplasms.	4	8	12
Leukaemia, aleukaemia.	0	0	0
Diabetes.	0	0	0
Vascular lesions of nervous system.	7	3	10
Coronary disease, angina.	13	4	17
Hyper-tension with heart disease.	5	1	6
Other heart disease.	14	18	32
Other circulatory disease.	2	3	5
Influenza.	5	1	6
Pneumonia.	6	1	7
Bronchitis.	4	2	6
Other diseases of the respiratory system.	0	1	1
Ulcer of the stomach and duodenum.	1	0	1
Gastritis, enteritis and diarrhoea.	0	0	0
Nephritis and nephrosis.	1	1	2
Hyper-plasia of prostate.	2	0	2
Pregnancy, childbirth and abortion.	0	0	0
Congenital malformations.	0	0	0
Other defined and ill defined diseases.	5	7	12
Motor vehicle accidents.	0	0	0
All other accidents.	1	1	2
Suicide.	1	0	1
Homicide and operations of war.	0	0	0

GENERAL PROVISIONS OF HEALTH SERVICE IN THE AREA.

Infectious Disease Hospitals.

No infectious disease hospital is provided in the Urban District and arrangements are made as necessary for cases requiring hospital treatment to be admitted into hospitals in the adjoining areas.

Laboratory Facilities.

Bacteriological examinations are made by the Public Health Laboratory Service, Lincoln. Water samples are sent to the Public Analyst, Mr. W. W. Taylor, 1, Regent Street, Nottingham, when both chemical and bacteriological examinations are required.

INFECTIOUS DISEASES.

During the year 289 cases of infectious disease were notified.

Measles	256
Whooping Cough	15
Scarlet Fever	13
Erysipelas	2
Pneumonia	2
Dysentery	1

Food Poisoning.

No case of food poisoning was notified during the year.

NATIONAL ASSISTANCE ACTS 1948/51.

Section 47.

One case arose during the year in which it was found necessary to take action under this section.

The person concerned was an aged spinster living on her own. She had been under the supervision of this Department for some time and arrangements were made for a daily visit of a home help. This person was rapidly becoming more feeble minded and it was found impossible to ensure that she received adequate meals and in spite of the attendance of a home help, the sanitary condition of the house deteriorated and it was seriously infested with mice.

She was subsequently removed to a residential establishment under the provisions of Section 1 of the 1951 Act with the object of improving her health, whilst the opportunity was taken to thoroughly cleanse and redecorate her house.

Unfortunately when the work was completed and she was due to return home, she was taken seriously ill and subsequently died.

ANNUAL REPORT OF THE SANITARY INSPECTOR.

1953.

Mr. Chairman and Gentlemen,

I have pleasure in presenting my sixth annual report on the sanitary circumstances of the Urban District for the year ending 31st December 1953.

Now houses continued to become available during the year on the Galley Hill Estate. The various phases of building having almost filled the present building site, attention was given to the purchase of further land. After considering several possibilities, in particular land off the Drove which was deemed unsuitable, it was decided to develop an area of land adjoining the present George Street Estate.

The number of persons on the housing lists remains fairly static, and I would say that the average waiting time has again been slightly reduced.

Meat inspection during the year took up a very great deal of my time, the number of animals slaughtered in the area having considerably increased.

I have to thank the Council for their support and my fellow officers, in particular those of my own Department, for their assistance and co-operation during the past year.

T. E. DAGWELL.

Sanitary Inspector & Housing Officer

December 1954.

THE SANITARY INSPECTION OF THE AREA.

During the year 5,280 inspections and re-inspections have been made. These are detailed as follows :-

Dwelling Houses.

Primary inspections under the Housing Act.	12
Primary inspections under the Public Health Act.	137
Re-inspections under the Housing Act.	12
Re-inspections under the Public Health Act.	488

Other inspections under the Public Health Act, etc.

Drains inspected.	498
Drains tested.	86
Ditches and streams.	12
Cesspools, etc.	2
Visits re water supply.	14
Places of entertainment.	4
Tents, vans and sheds.	7

Other Visits.

Shops Act inspections .	11
Factories - mechanical.	31
Factories - non-mechanical.	14
Workplaces.	8
Rodent Control.	61
Smoke observations.	7
Visits to Council properties.	1,850
Visits re re-housing.	143
Miscellaneous.	179
Pet Shops.	2

Food Premises.

Slaughterhouses and Meat Depot.	1,391
Butchers' Shops.	41
Bakehouses.	4
Cafes and restaurants.	12
Licensed premises.	12
Ice cream premises.	9
Grocers.	81
Greengrocers.	104
Fried Fish Shops.	4
Fresh Fish Shops.	18
Cowsheds and Dairies.	2
Other food premises.	31

As a result of inspections made, formal and informal notices were served where necessary :-

	Verbal.		Written.		Statutory.		Totals.	
	Ser:	Comp:	Ser:	Comp:	Ser:	Comp:	Ser:	Comp:
Housing Acts.	Nil.	Nil.	Nil.	Nil.	1	1	1	1
P. H. Acts.	14	17	16	14	1	1	31	31
Factories.	3	3	2	1	Nil.	Nil.	5	4

The following improvements have been carried out and contraventions remedied :-

Drainage.

Sewers and drains cleansed.	90
Drains relaid, reconstructed or new drains provided.	71
Inspection chambers repaired or new provided.	19
Additional W.C.'s provided,	11
W.C. Pans renewed or obsolete pans replaced.	17
W.C.'s provided with flushing arrangements.	4
Privies and earth closets abolished.	1
Apartments repaired.	11
Additional sinks provided.	7
New cesspools constructed.	3
Public houses - sanitary accommodation repaired or improved.	1

Dwelling Houses, etc.

Rooms disinfected.	2
Water supply improved.	1
Dustbins provided.	10
Yards drained and paved.	11
Roofs repaired.	4
Gutters and R.W. P.s repaired.	7
D.P.C.s provided.	4
Damp walls remedied.	14
External walls pointed and rendered and chimney stacks reheaded and pointed.	11
Larders new or repaired.	2
Stairs repaired.	1
Firegrates repaired or renewed.	16
Windows repaired or renewed.	8
Walls and ceilings repaired.	14
Floors repaired.	10
Shop sanitation made satisfactory.	3

Food Premises.

Butchers' Shops - contraventions remedied.	2
Bakewhouses cleansed or repaired.	2
Grocers cleansed or repaired.	1
Other food premises cleansed or repaired.	2

HOUSING.

Considerable progress in the provision of new housing on the Galley Hill Estate was made during 1953. In all 50 new houses became available and were allocated. There were also 6 pre-war and 4 post-war houses vacant during the year so that a total of 60 families were re-housed in the period under review. The provision of a further building site was considered during this year and of the several sites suggested two were investigated in detail. Firstly on an area of land off the Drove adjoining Westholme, trial holes were dug which in the opinion of the Surveyor showed the site to be unsuitable. A site adjoining the present George Street Estate was then considered after trial holes had been taken out. The Council did finally agree to purchase this site of some 5 acres after considerable controversy as to its suitability in view of the existence of clay in that area. This land will, it is hoped, provide accommodation for some 58 further houses.

No further progress was made during the year on the question of provision of housing for the aged.

11 private houses were erected during the year.

The maintenance of the Councils' Houses has been carried out as in previous years partly by direct labour and partly by local contractors. The standard of maintenance remains good and the cost must compare very favourably with most other Authorities.

I welcome the possibility that the Council may again actively be able to deal with unfit houses to a greater degree than in the past. Unfit housing is likely to prove a major problem both for the Council and the private landlords for some years to come. The Council have intimated that they are prepared to consider applications for improvement grants under the 1949 Housing Act. I am firmly of the opinion that the provision of these grants will serve to save many houses from demolition which are in need of major reconditioning and I commend the provisions of this Act to owners who feel they are in a position to carry out such work.

The time now taken to accommodate the inadequately housed having now been reduced, it seems opportune to allocate a proportion of newly erected houses for the replacement of worn out dwellings and I hope that the Council will be able to do this in the very near future.

The owner's agent of a house considered to be not repairable at reasonable expense appeared before the Council to show reason why this house should not be demolished. He was unable to give the Council a satisfactory undertaking and accordingly a Demolition Order was made.

HOUSING STATISTICS.

Inspections of dwelling-houses during the year.

(a)	Total number of dwelling-houses inspected for housing defects under Public Health or Housing Acts.	138
	Number of inspections made for the purpose.	500
(b)	Number of dwelling-houses (included under sub-heading (a) above), which were inspected and recorded under the Housing Consolidated Regulations, 1925.	1
(c)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation.	1
(d)	Number of dwelling-houses (exclusive of those referred to under preceding sub-headings) found not to be in all respects, reasonably fit for habitation.	30

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.	30
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Action under Statutory Powers during the year.

(a)	Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936.	
	Number of dwelling-houses in respect of which notices were served requiring repairs.	Nil.
	Number of dwelling-houses which were rendered fit after service of Formal Notices :	
	(i) By owners.	Nil.
	(ii) By local authority in default of owners.	Nil.
(b)	Proceedings under Public Health Acts.	
	(i) Number of dwelling-houses in respect of which notices were served requiring defects to be remedied.	Nil.
	(ii) Number of dwelling-houses in which defects were remedied after service of Formal Notices :	
	(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.	
	(i) Number of dwelling-houses in respect of which Demolition Orders were made.	1
	(ii) Number of dwelling-houses demolished in pursuance of Demolition Orders.	Nil.
(d)	Proceedings under Section 12 of the Housing Act 1936.	
	(i) Number of separate tenements or underground rooms in respect of which Closing Orders were made.	Nil.
	(ii) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenements or rooms having been rendered fit.	Nil.

MEAT AND OTHER FOODS.

Meat Inspection.

The time spent on meat inspection during 1953 increased considerably, over 13,000 head having been slaughtered in the Ministry of Food Slaughterhouses as opposed to 6,500 in the previous year.

The bulk of this additional work was carried out after office hours. The large increase in the amount of slaughtering was due to the work of reconditioning at the Northgate Slaughterhouse having been completed. The work which was done at this slaughterhouse has greatly facilitated the killing of pigs under much more hygienic conditions than previously although it can only be said to provide a minimum standard.

It is interesting to note that the number of animals slaughtered in Sleaford has increased from just under 4,000 in 1948 to the present figure. To show this increase, follows the numbers of animals slaughtered during the past six year period :-

	CATTLE.	CALVES.	SHEEP & LAMBS.	PIGS.	TOTAL.
1948.	871	119	2,312	404	3,706
1949.	795	125	2,669	692	4,281
1950.	959	201	3,020	741	4,921
1951.	1,110	271	2,945	1,389	5,715
1952.	1,095	262	3,399	1,805	6,561
1953.	1,163	153	3,644	8,396	13,356

The Church Lane Slaughterhouse has continued to prove more than adequate for local needs.

The amount of meat condemned during the year amounted to 34 tons, 1 cwt., 38 lbs., - an increase of more than 11 tons over last year.

The principal reasons for condemnation are stated hereunder :-

<u>BEASTS.</u>		<u>LBS.</u>
18 Beasts and all organs.	Generalised Tuberculosis and Tubercular Peritonitis.	13,234
7 Beasts and all organs.	Sapraemia, Pyaemia, Septic Metritis and Mastitis.	5,166
2 Beasts and all organs.	Johns' Disease.	1,111
4 Beasts and all organs.	Dropsy, Emaciation and Moribund.	2,635
1 Beast and all organs.	Emphysema and ill bled.	916
1 Beast and all organs.	Lymphatic Leukaemia.	936
1 Beast and all organs.	Malignant Neoplasms.	838
4 Beasts Forequarters and all organs.	Tuberculosis.	687
Beef and Beasts' Organs.	Various conditions and diseases.	17,797

CALVES.

LBS.

5 Calves and all organs.	Joint ill.	278
3 Calves and all organs.	Dropsy.	242
2 Calves and all organs.	Immature.	76
1 Calf and all organs.	Septicaemia.	136
Veal and Calves' organs.	Various conditions and diseases.	34

PIGS.

18 Pigs and all organs.	Generalised Tuberculosis.	4,105
44 Pigs and all organs.	Pneumonia, Peritonitis, Enteritis and other conditions accompanied by fever.	4,116
18 Pigs and all organs.	Dropsy and Dropsy and Emaciation.	1,504
13 Pigs and all organs.	Septicaemia and Pyaemia.	1,427
12 Pigs and all organs.	Swine Fever.	907
7 Pigs and all organs.	Swine Erysipelas.	1,201
9 Pigs and all organs.	Moribund.	1,263
2 Pigs and all organs.	Lymphatic Leukaemia.	412
1 Pig and all organs.	Gangrene and Peritonitis.	367
1 Pig and all organs.	Ricketts and Malnutrition.	50
1 Pig and all organs.	Decomposition.	160
1 Pig and all organs.	Offensive odours - prolapse of rectum.	96
Pork and Pigs' organs.	Various conditions and diseases.	14,122

SHEEP.

10 Sheep and all organs.	Dropsy, Oedema, and Emaciation associated with disease.	1,148
11 Sheep and all organs.	Moribund.	660
9 Sheep and all organs.	Septic Pneumonia and other septic conditions.	644
2 Sheep and all organs.	Injuries.	61
2 Sheep and all organs.	Jaundice.	125
3 Sheep and all organs.	Ill-blod and Fever.	237
1 Sheep and all organs.	Caseous Lymphadenitis.	70
1 Sheep and all organs.	Lymphatic Leukaemia.	95
1 Sheep and all organs.	Carcinoma.	52
Mutton and Sheeps' organs.	Various conditions and diseases.	752

Carcases Inspected and Condemned.

	Cattle.	Calves.	Sheep and Lambs.	Pigs.
Number killed.	1,163	153	3,644	8,396
Number inspected.	1,163	153	3,644	8,396
<u>All diseases except tuberculosis.</u> Whole carcasses condemned.	16	11	48	109
Carcasses of which some part or organ was condemned.	392	4	222	2,148
Percentage of the number inspected affected with disease other than tuberculosis.	35.08	9.80	7.41	26.88
<u>Tuberculosis only.</u> Whole carcasses condemned.	18	-	-	18
Carcasses of which some part or organ was condemned.	170	-	-	378
Percentage of the number inspected affected with tuberculosis.	16.16	0.00	-	4.71

Other Foods.

The undermentioned foods, other than fresh meat, have been examined and found to be unfit for food:-

21 tins evaporated or condensed milk.	Unsound, damaged, leaking, punctured or blown.
66 tins meat, soup or fish.	Blown, punctured, unsound, defective cans, damaged, tin leaking or out of stock.
130 tins fruit, vegetables or jam.	Blown, unsound, containing foreign bodies, punctured, damaged, leaking or out of stock.
71 jars paste.	Unsound, blown or out of stock.
1 lb. sugar.	Unsound and mice contaminated.
5 $\frac{3}{4}$ lbs. butter and margarine.	Unsound and mice contaminated.
3 lbs. lard.	Unsound and mice contaminated.
12 lbs. cheese.	Unsound.
3 $\frac{1}{2}$ lbs. corned beef.	Unsound or blown.
16 lbs. cooked ham.	Unsound or punctured tin.
33 lbs. rabbits.	Decomposition.
4 jars jam or mincemeat.	Unsound.
1 $\frac{1}{2}$ lbs. tea.	Unsound and mice contaminated.
3 bottles coffee.	Unsound.
11 bottles vinegar and sauces.	Unsound or fermented.
4 tins cream.	Unsound or blown.
10 tins fruit juice or puree.	Damaged, blown or out of stock.

7 packets jelly or blanc mange.	Unsound.
1 lb. rice.	Unsound and mice contaminated.
3 Christmas puddings.	Unsound.
3 packets dates or figs.	Unsound and mice contaminated.
2 tins stuffed olives.	Blown or out of stock.
1 1/4 lbs. cocoa.	Unsound and mice contaminated.
8 cakes.	Unsound and mice contaminated.
37 chocolate cakes.	Stale.
1 1/2 lbs. biscuits.	Unsound and mice contaminated.
1/2 lb. sweets.	Unsound and mice contaminated.

Milk Supply.

The following were registered in the district at 1.1.53 :-

Distributors	2
--------------	---

Supplementary licences issued in respect of designated milk at 1.1.53 were :-

Tuberculin Tested	2
-------------------	---

- Pasteurised	2
---------------	---

Sterilised	2
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Samples of milk have been taken as follows :-

<u>Tuberculin Tested. (Raw Milk.)</u>	<u>Satisfactory.</u>	<u>Unsatisfactory.</u>
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3	3	-
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<u>Tuberculin Tested. (Pasteurised.)</u>	<u>Satisfactory.</u>	<u>Unsatisfactory.</u>
--	----------------------	------------------------

5	5	-
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<u>Pasteurised.</u>	<u>Satisfactory.</u>	<u>Unsatisfactory.</u>
---------------------	----------------------	------------------------

8	7	1
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<u>Sterilised.</u>	<u>Satisfactory.</u>	<u>Unsatisfactory.</u>
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3	3	-
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Ice Cream.

The number of manufacturers of ice cream remains at 3, of whom 1, registered for cold mix only, did not produce during the year. The remaining two premises, one of which is cold mix, were frequently inspected during the season of production.

There are still 20 premises registered for the storage and sale only and one sample of ice cream was taken and submitted for bacteriological examination. The result of this sample was provisional grade 1.

WATER SUPPLY.

The following are the results of samples taken from the public water supply during the year :-

PER MILLION PARTS.

30th May 1953.

15th August 1953.

	Low level Reservoir.	High level Reservoir.	Low level Reservoir.	High level Reservoir.
Total Solids dried at 180°C.	430.00	430.00	450.00	450.00
Suspended Matter.	Absent	Absent	Absent	Absent
Chlorides as Chlorine.	24.85	24.85	24.85	24.85
Oxidised Nitrogen as Nitrate.	3.625	3.50	4.50	4.50
Oxidised Nitrogen as Nitrite.	Absent	Absent	Absent	Absent
Free and saline Ammonia.	0.068	0.052	0.012	0.004
Albuminoid Ammonia.	0.064	0.028	0.012	0.008
Temporary Hardness.	210.00	210.00	210.00	210.00
Permanent Hardness.	128.00	124.00	138.00	138.00
Oxygen absorbed in 4 hrs. @ 80°F. from N/30 KMnO4.	0.04	0.12	0.16	0.16
pH value.	7.10	7.30	7.20	7.30
Appearance.	clear & bright	clear & bright	clear & bright	clear & bright
Odour.	None	None	None	None
Taste and Colour.	Normal	Normal	Normal	Normal
Heavy Metals.	Absent	Absent	Absent	Absent
Free Chlorine.	0.025	Absent	Absent	Absent
No. of colonies developing per ml. on agar at 21°C. in 72 hrs.	0	1	24	3
No. of colonies developing per ml. on agar at 37°C. in 24 hrs.	0	0	1	1
No. of colonies developing per ml. on agar at 37°C. in 48 hrs.	0	0	22	2
Coli-aerogenes count per 100 mls. at 37°C. in 48 hrs.	0	0	0	0
Faecal coli count per 100 mls. at 44°C. in 48 hrs.	0	0	0	0
Bacillus Colli (Presumptive) per 100 mls.	Absent	Absent	Absent	Absent

Date of Sample.

Total Solids dried at 180°C.

Suspended Matter.

Chlorides as Chlorine.

Oxidised Nitrogen as Nitrate.

Oxidised Nitrogen as Nitrite.

Free and saline Ammonia.

Albuminoid Ammonia.

Temporary Hardness.

Permanent Hardness.

Oxygen absorbed in 4 hrs. @ 80°F.
from N/30 KMnO4.

pH value.

Appearance.

Odour.

Taste and Colour.

Heavy Metals.

Free Chlorine.

No. of colonies developing per ml.
on agar at 21°C. in 72 hrs.

No. of colonies developing per ml.
on agar at 37°C. in 24 hrs.

No. of colonies developing per ml.
on agar at 37°C. in 48 hrs.

Coli-aerogenes count per 100 mls.
at 37°C. in 48 hrs.

Faecal coli count per 100 mls.
at 44°C. in 48 hrs.

Bacillus Colli (Presumptive)
per 100 mls.

The majority of the premises within the Urban District are supplied with water in pipes from the Urban District Council undertaking. The sources of water are from a spring and deep well to the west of Sleaford from which it is pumped to reservoirs nearby. A low level reservoir serves the low-lying parts of the town and two water-towers, interconnected, serve the higher portions. The amount of water available throughout the year has proved adequate and of good quality, though hardness is exceptionally high.

Supplies other than from the public supply are as follows :

- 18 premises at Quarrington are supplied from a private estate supply - the source being a deep bore,
- 15 premises are supplied from deep wells or bores,
- 8 premises are supplied from shallow wells,
- 4 premises are supplied from sources other than the above.

No extensions to the Council's water undertakings were carried out during the year and the source of supply proved adequate and of good quality.

Other Sources.

The following two samples of water other than from a public supply were taken during the year :-

Nunley's Garage, Greylees.	Satisfactory.
Watt's Cottage, Newark Road.	Unsatisfactory.

Following the unsatisfactory sample from Watt's Cottage, the well was opened up, cleaned and re-sealed.

DRAINAGE AND SEWERAGE.

No additions were made to the sewerage system during the year.

The water carriage system of the town is partially combined and partially separate, disposal being by land irrigation at the east end of the town. The disposal continued during the year to be exceedingly unsatisfactory.

Work on the first part of the new sewerage scheme continued during the year though progress was not as speedy as the Council would have wished. At the end of the year it was hoped that the completion date would be mid 1954.

The condition of the unsatisfactory discharge from the Quarrington sewer into the open dyke adjoining Manor House Farm still requires consideration by the Council. The owner of the land has now continued the piped section across the field between Manor House Farm and the main Sleaford - Bourne road and has caused it to discharge into the roadside ditch. This has obviated the serious nuisance which arose in the middle of this field but cannot be considered a remedy for the unsatisfactory discharge.

The existing drainage to the houses of Quarrington village is inadequate and most houses have not water closets. With the likelihood of the conversion of the existing dry closets into water closets, I can visualise an increase in the already serious nuisance which now exists.

Proposals are now in hand for the provision of septic tanks and biological filter purification plants to be installed in the case of several premises now discharging sewage untreated into dykes. There are at the moment 29 such premises apart from those connected to the Quarrington sewer.

REFUSE DISPOSAL.

Refuse collection and disposal are under the direction of the Surveyor. Collection continues to be once weekly and proceeds without difficulty.

The controlled tip off East Road continues to operate and deals adequately with the refuse of the town.

TENTS, VANS AND SHEDS.

The two licensed sites in the area on which vans may be stationed continue to be used regularly and are generally conducted without nuisance.

A licence to station a van at East Road was renewed during this year, the occupier having continued to make satisfactory provision for drainage, etc., on the site.

No further action has been taken in regard to the provision of a caravan site by the Council. It is reasonable to suppose that the provision of such a site would be welcomed by caravan owners in and passing through the town.

Little trouble has been experienced during the year with the parking of vans on unlicensed sites.

SMOKE ABATEMENT.

Casual observations have been made from time to time on factory and business premises in the area. There have been spasmodic emissions of smoke in such a quantity as to be considered a nuisance. Visits have been made to the plant for the purpose of determining the reason. This does appear largely to rest with the individual stokers who frequently change and are replaced often by people with no previous experience. It cannot be stressed too much that stoking is a skilled trade and that the employment of a competent stoker is essential for the economic and efficient use of fuel consistent with a pure atmosphere.

VERMINOUS PREMISES.

The incidence of vermin continues to be extremely small. It was not found necessary to treat any premises during the year.

RODENT CONTROL.

The rodent control service has served to keep the degree of infestation in the area to a minimum. Nevertheless the large number of minor infestations have continued to fully employ the Rodent Operator during the time available for this work. I would however once again like to stress that the general public must co-operate in the early notification of infestations as soon as they are noticed.

All areas known to be recurrently infested have been visited and treated by the operator this year. The twice yearly routine treatment of the Councils' sewers has again been completed and shows the system to be remarkably clear of infestation. The barrel sewer in Westgate and streets leading off is the main area where infestation can generally be anticipated.

The operator made 2,593 visits and in the course of these no major infestations were discovered and 224 other premises were found to harbour rats and mice but all were classified as minor infestations.

Proceedings under Article 3a of the Prevention of Damage by Pests (Threshing and Dismantling of Ricks) Regulations, 1950, for failing to ensure before a rick was dismantled for threshing that the rick was completely surrounded by a fence not less than thirty inches high constructed of material sufficiently impenetrable by rats escaping from the rick to enable them to be killed within this fence, were taken against a threshing contractor who had previously been warned on a similar occasion and against the farmer, the owner of the ricks.

The persons concerned pleaded not guilty but the cases were found proved and fines imposed.

A notice to attend a hearing was issued to the contractor and the farmer in this year, the contractor having pleaded to make satisfactory provision for the rick, on the other hand the farmer pleaded to make satisfactory provision for the rick. No further action has been taken in regard to the provision of a fence since by the Council. It is desirable to ensure that the provision of such a fence would be welcomed by rick owners in and passing through the town. Little trouble has been experienced during the year with the parking of vans on unlicensed sites.

SMOKE ABATEMENT

Control operations have been made from time to time on factories and business premises in the town. There have been several instances of smoke in such a quantity as to be considered a nuisance. Visits have been made to the sites for the purpose of determining the reason. This does not appear to be due to any fault with the individual system who frequently change and are replaced often by people with no previous experience. It cannot be stressed too much that smoking is a trade and that the employment of a competent worker is essential for the economic and efficient use of fuel, especially with a new atmosphere.

VEHICLE CONTROL

The incidence of vehicle accidents has been extremely small. It was not found necessary to issue any notices during the year.

ROBOT CONTROL

The robot control service has served to keep the degree of information in the area to a minimum. Nevertheless, the large number of other installations have continued to fully employ the Robot Operator and during the year available for this work. It would however be desirable to have a system that the general public must cooperate in order to have a high degree of information as to the whereabouts of robots. All cases must be immediately reported to the Council and treated by the Council this year. The latest year's report of the Council shows how again been completed and shows the progress to be made in the future. The report shows in detail the progress of the robot control service and the information can be used to help in the future.

FACTORIES ACTS 1937 - 1948.

1. INSPECTIONS for purposes of provisions as to health (including inspections made by the Sanitary Inspectors.

Premises.	Number on Register.	Inspections.	Number of Written Notices.	Occupiers Prosecuted.
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities.	11	14	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by Local Authorities.	55	31	-	-
(iii) Other premises in which Section 7 is enforced by Local Authority (excluding out-workers' premises.	-	-	-	-
Total.	66	45	-	-

2. CASES IN WHICH DEFECTS WERE FOUND.

Particulars.	Number of cases where defects were found.				Number of cases in which prosecutions were instituted.
	Found.	Remedied.	Referred.		
			To H.M. Insp.	By H.M. Insp.	
Want of Cleanliness.	-	-	-	-	-
Overcrowding.	-	-	-	-	-
Unreasonable temperature.	-	-	-	-	-
Inadequate ventilation.	-	-	-	-	-
Ineffective drainage of floors.	-	-	-	-	-
Sanitary Conveniences.					
(a) Insufficient.	-	-	-	-	-
(b) Unsuitable or defective.	5	4	-	-	-
(c) Not separate for sexes.	-	-	-	-	-
Other offenses against the Act (not including offenses relating to Outwork.)	-	-	-	-	-
Total.	5	4	-	-	-

FACTORIES ACTS 1937 - 1948.

The following table shows the number of factories in which the provisions of the Act were enforced during the period 1937-1948.

Year	Number of factories in which the provisions of the Act were enforced	Number of factories in which the provisions of the Act were not enforced	Total	Percentage of factories in which the provisions of the Act were enforced	Percentage of factories in which the provisions of the Act were not enforced	Number of factories in which the provisions of the Act were enforced	
						Number of factories in which the provisions of the Act were enforced	Number of factories in which the provisions of the Act were not enforced
1937	11	14	25	44	56	11	14
1938	11	14	25	44	56	11	14
1939	11	14	25	44	56	11	14
1940	11	14	25	44	56	11	14
1941	11	14	25	44	56	11	14
1942	11	14	25	44	56	11	14
1943	11	14	25	44	56	11	14
1944	11	14	25	44	56	11	14
1945	11	14	25	44	56	11	14
1946	11	14	25	44	56	11	14
1947	11	14	25	44	56	11	14
1948	11	14	25	44	56	11	14
Total	11	14	25	44	56	11	14

CAUSES IN WHICH DEFECTS WERE FOUND.

Cause	Number of cases in which defects were found	Number of cases in which defects were not found	Total	Percentage of cases in which defects were found	Percentage of cases in which defects were not found	Number of cases in which defects were found	
						Number of cases in which defects were found	Number of cases in which defects were not found
Defective machinery	11	14	25	44	56	11	14
Defective workmen	11	14	25	44	56	11	14
Defective materials	11	14	25	44	56	11	14
Defective methods	11	14	25	44	56	11	14
Defective design	11	14	25	44	56	11	14
Defective supervision	11	14	25	44	56	11	14
Defective maintenance	11	14	25	44	56	11	14
Defective safety	11	14	25	44	56	11	14
Defective ventilation	11	14	25	44	56	11	14
Defective lighting	11	14	25	44	56	11	14
Defective heating	11	14	25	44	56	11	14
Defective cooling	11	14	25	44	56	11	14
Defective dusting	11	14	25	44	56	11	14
Defective noise	11	14	25	44	56	11	14
Defective vibration	11	14	25	44	56	11	14
Defective radiation	11	14	25	44	56	11	14
Defective other	11	14	25	44	56	11	14
Total	11	14	25	44	56	11	14