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Contributors

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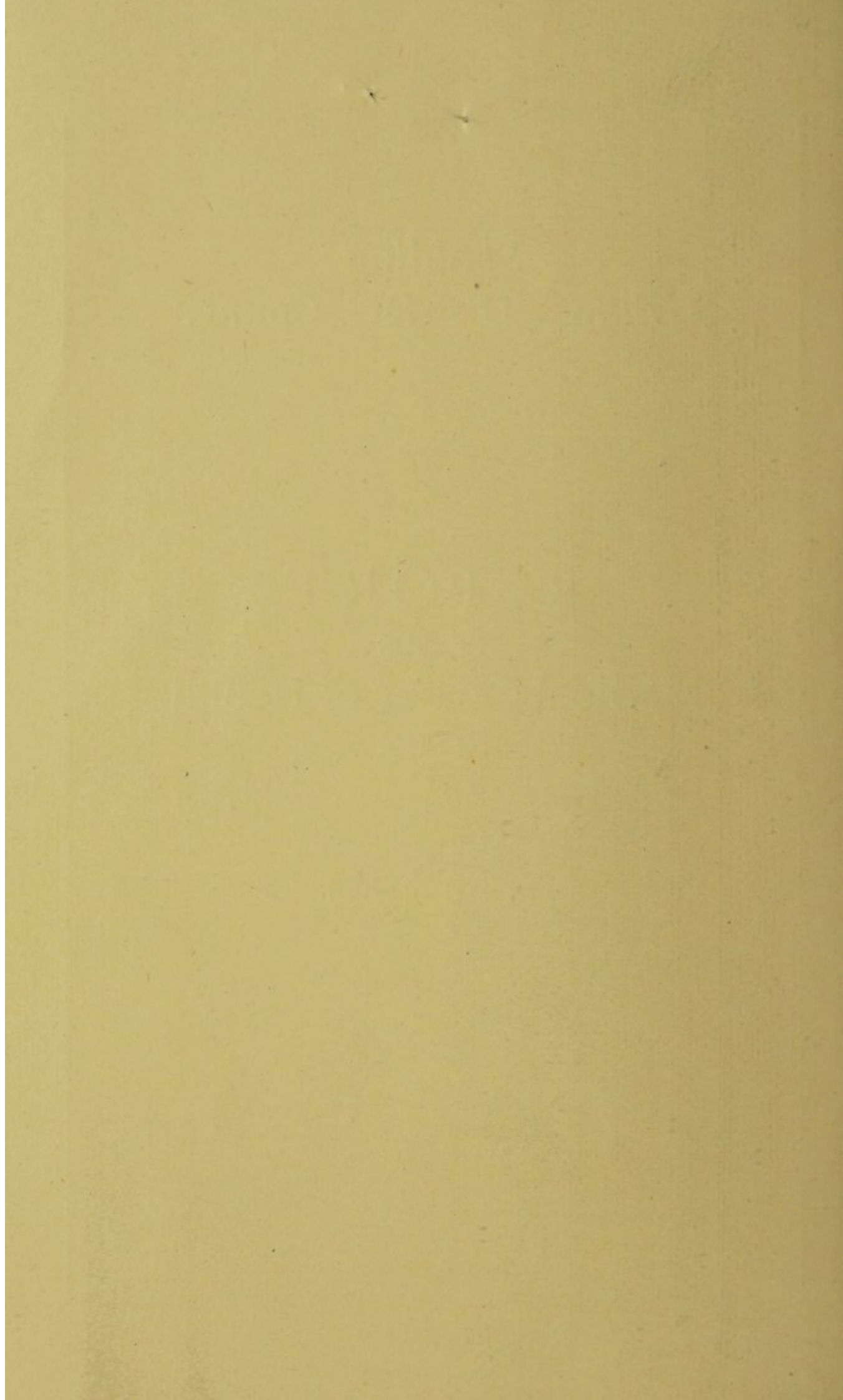
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Spalding
Urban District Council

REPORT
OF THE
Medical Officer of Health
TO THE
Spalding Urban District
FOR THE
Year 1946



Public Health Officers
of the
Spalding Urban District Council

Medical Officer of Health :

J. R. MUNRO, M.D.

Public Health Officer :

L. A. GORNALL, F.I.A.S.S., M.R.S.I.

Meat Inspector :

F. LUKER, M.S.I.A.

REPORT OF THE MEDICAL OFFICER OF OF HEALTH FOR THE YEAR 1946.

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To the Chairman and Councillors of the Spalding Urban District.

I beg to hand you my Report for 1946.

Area in Acres	7,825
Resident Population	13,170
Number of Inhabited Houses (end of 1946)	4,150
Rateable Value	£70,244
Product of Penny Rate	£276 7s. 4d.

VITAL STATISTICS.

Live Births.

	M.	F.	Total
	145	153	298
Legitimate	132	145	277
Illegitimate	13	8	21
Birth Rate per 1,000 Population			22.6
Birth Rate for England and Wales			19.1

Still Births.

	M.	F.	Total
Legitimate	5	1	6
Illegitimate	—	—	—

Deaths of Infants under One Year of Age.

	M.	F.	Total
Legitimate	6	3	9
Illegitimate	—	—	—
Death Rate per 1,000 Live Births			30.2

Deaths.

	Males.	Females.	Total.
	99	79	178
Death Rate per 1,000 Population			13.5
Death Rate for England and Wales			11.5
Death from Cancer (all ages)			31
Death from Measles (all ages)			—
Deaths from Diarrhoea (under 2 years of age)			—

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

1. Medical Officer of Health (part time), J. R. Munro, M.D.
2. Public Health Officer (whole time),
L. A. Gornall, F.I.A.S., M.R.S.I.
3. Meat Inspector, F. Luker, M.S.I.A.

Closet Accommodation.—During the year, three vault closets have been converted to the water carriage system, and also the following drainage work carried out :

Premises connected to the public sewer	... ..	35
Cesspools abolished	... ..	11

Public Cleansing.—Collection of house refuse is carried out on modern lines by mechanical low loading vehicles, and disposal is by means of Front Feed Refuse Destructor.

The salvage of materials required by industry is carried out energetically, and the sale of such salvaged material realised £1,434 7s. 5d. for the year.

Eradication of Bed Bugs.—During the year, cases of infestation have been dealt with. Treatment with " Zaldecide " has produced satisfactory results.

HOUSING STATISTICS.

1. Inspection of Houses during the year.

1. (a)	Total number of houses inspected for defects (under Public Health or Housing Acts)	94
(b)	Number of inspections made for the purpose	207
2. (a)	Number of dwelling houses (included under sub-head 1 above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	10
2. (b)	Number of inspections made for this purpose	23
3.	Number of dwelling houses found to be in a state so dangerous or injurious as to be unfit for human habitation	2
4.	Number of dwelling houses found not to be in all respects reasonably fit for human habitation (exclusive of those referred to under the preceding sub-head)	23

2. Remedy of Defects during the Year without Service of Formal Notice.

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their Officers 16

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 none
2. Number of houses which were rendered fit after service of such notices none
 - (a) By Owners none
 - (b) By Local Authority in default of Owners ... none

B. Proceedings under Public Health Acts

1. Number of dwelling houses in respect of which notice has been served requiring defects to be remedied none
2. Number of dwelling houses in which defects were remedied after service of formal notice :
 - (a) By Owners none
 - (b) By Local Authority in default of owners ... none

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 none
2. Number of dwelling houses demolished in pursuance of Demolition Orders none

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 ... none
2. Number of separate tenements or underground rooms in respect of which closing orders were determined, the tenements or room have been rendered fit none

HOUSING ACT, 1936, PART IV. (Overcrowding).

The position with regard to overcrowding is obscure due to the return of ex-Servicemen and women. This, together with an acute housing shortage has resulted in many houses becoming overcrowded until the cases can be dealt with by the provision of addi-

tional houses. The matter is receiving the attention of the Local Authority as expeditiously as possible, and priority given to serious cases in the selection of tenants for new houses.

Number of cases of overcrowding relieved during the year none
 Number of persons concerned in such cases none
 Dwelling houses which have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding none

Swimming Pool.

During the summer months the Swimming Pool was used by local Youth Organisations and regular bacteriological samples of the water were taken. The results were satisfactory.

Section E.

(a) Milk Supply.

Inspection of cowsheds has been carried out during the year as far as possible.

(b) Inspection of Foodstuffs.

During the year the undermentioned foodstuffs were examined and found unfit for human consumption :

Bacon	28½ lbs.	Semolina	4 lbs.
Brisket Beef	4 lbs.	Corn Flakes	7 pkts.
Stewed Steak	14 tins	Oats (loose)	37 lbs.
Sausage Meat	2 tins	Oats (pkts.)	1 pkt.
Vienna Sausage	1 tin	Flour	60 lbs.
Corned Beef	1 tin	Cake Mixture	1 pkt.
Luncheon Meat	24½ lbs.	Peas	44 tins
Ox Tongue	33½ lbs.	Carrots	1 tin
M. & V.	8 tins	Tomatoes	5 tins
Evaporated Milk	237 tins	Beans	28 tins
Skimmed Milk	6 tins	Pears	1 tin
Sweetened Milk	10 tins	Plums	2 tins
Salmon	24 tins	Fruit Cocktail	6 tins
Pilchards	11 tins	Jam	11 lbs.
Herrings	1 tin	Marmalade	6 lbs.
Sardines	11 tins	Cheese	40 lbs.
Crayfish	1 tin	Sugar	11½ lbs.
Macaroni	1 lb.	Tea	4 lbs.
Sphagheti	1 tin		

SCABIES ORDER, 1941.

The treatment of Scabies and Verminous Heads has continued during the year at the two centres in Spalding.

The number of treatments given is shown hereunder :

Number of cases from Spalding Urban Area ... 55
 Number of cases from Spalding Rural Area ... 48
 Number of cases from East Elloe Rural Area ... 52
 Total number of treatments given 450

(Signed) L. A. GORNALL, F.I.A.S., M.R.S.I.,
 Public Health Officer.

TABLE OF NOTIFIABLE DISEASES DURING THE YEAR 1946.

	Total Notified.	Cases sent to Hospital.	Total Deaths.
Scarlet Fever	6	6	0
Whooping Cough	18	0	0
Diphtheria	1	1	0
Erysipelas	6	1	0
Measles	1	0	0
Ophthalmia Neonatorum	1	0	0
Puerperal Pyrexia	0	0	0
Pneumonia	15	0	7
Dysentery (clinical)	0	0	0

DIPHTHERIA PROPHYLAXIS.

During the year, 1946, 204 children have been immunised.

Over 5 and under 15 years of age 21

Under 5 years of age 183

I have included in Appendices

Tuberculosis Tables—Appendix A.

Causes of Death—Appendix B.

Report on Water Supply—Appendix C.

Meat Inspector's Report—Appendix D.

I am, Gentlemen,

Your Obedient Servant,

APPENDIX A.

J. R. MUNRO.

TUBERCULOSIS.

Analysis of New Cases and Deaths from Tuberculosis.

Age Periods.	NEW CASES.				DEATHS.			
	Respira- tory.		Non-Respira- tory.		Respira- tory.		Non-Respira- tory.	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1	...	...	..	..	..	..	..	...
„ 5	...	...	1	1	..	..	..	1
„ 15	1	...	..	1	..	..	..	...
„ 25	1	2	..	..	..	1	..	...
„ 35	2	1	..	..	1	..	..	...
„ 45	1	...	..	1	1	1	..	...
„ 55	1	...	..	..	..	...	...	...
„ 65	...	..	..	..	..	...	...	...
„ 80	...	..	..	...	1	..	...	...
...
Totals ...	6	3	1	3	3	2	...	1

APPENDIX B.

CAUSES OF DEATH DURING THE YEAR, 1946.

Cause of Death	Male	Female
All causes	99	79
Measles	0	0
Tuberculosis of Respiratory System	2	2
Other Forms of Tuberculosis	0	1
Syphilitic Diseases	1	0
Cancer of Mouth, Oesophagus and Uterus	0	0
Cancer of Stomach and Duodenum	5	5
Cancer of Breast	0	4
Cancer of other sites	12	5
Diabetes	1	0
Intracranial Vascular Lesions ...	11	8
Heart Disease	26	14
Other Diseases of Circulatory System	6	5
Bronchitis	3	3
Pneumonia	6	1
Other Respiratory Diseases	0	0
Ulcer of the Stomach	0	0
Appendicitis	0	1
Other Digestive Diseases	2	2
Nephritis	1	1
Puerperal Sepsis	0	0
Other Maternal Causes	0	0
Premature Births	2	2
Congenital Deformity	3	1
Suicide	1	0
Other Violent Causes	2	1
Road Traffic Accident	0	1
All Other Causes	15	22

APPENDIX C.

SPALDING U.D.C. WATERWORKS DEPARTMENT.

Water Supply.

An uninterrupted supply of water was maintained throughout the area during the year. The total quantity of water supplied to the Spalding U.D.C. area was 501,000,000 gallons of which 146,000,000 gallons was on metered supplies and 355,000,000 gallons on domestic and other unmeasured supplies.

The average consumption per head per day on domestic and unmeasured supplies was 61 gallons.

In addition to the water supplied to the Spalding U.D.C. area a total quantity of 284,000,000 gallons was supplied in bulk to neighbouring authorities.

2,070 yards of 3", 4" and 6" mains and 36 new services were laid during the year.

A new 36" bore was put down at Bourne Pumping Station during the year and was found on test to have a yield of 4,000,000 gallons per day.

The water from all three bores at Bourne continues to be of the highest standard of chemical and bacteriological purity but a nominal dose of chlorine is added to the water by the chloramine process as a precautionary measure.

A recent typical analysis of the water is attached hereto.

(Signed) P. A. LAMONT,
M.A., A.M.I.C.E.,
Engineer & Manager.

Water Engineer's Office.

19th August, 1947.

W. Lincoln Sutton, F.R.I.C.,
Public Analyst.

Norfolk and Suffolk County Laboratories,
Redwell Street, Norwich.
25th Nov., 1946.

COPY

CERTIFICATE OF ANALYSIS OF WATER No. 115612 XX.

Sample received from Spalding U.D.C. per G. Ewart Roberts, Esq., Water Engineer.

Mark or Seal : " Mains Water : Hanson, 47, Pennygate."

The chemical results are stated in parts per 100,000.

BACTERIOLOGICAL RESULTS												
AMMONIA			Chlorine in Chlorides.	Nitrogen as Nitrates.	Nitrites.	Oxygen absorbed from Perman- ganate.	HARDNESS		Colonies per ml. on agar at 37° C.	Bacillus Coliform		Physical Characters
							Total	Permanent		Present in	Absent in	
Total Solids in Solution.	Free & Saline.	Albuminoid										
49.3	0.005	0.001	2.3	nil	nil	0.018	30.0 =21°	11.0 =7.70°	None		100 m.l.	Clear.

Remarks : This is a pure and wholesome water fully up to its high standard of organic and bacteriological quality. It is quite suitable for drinking and the purposes of a public supply.

(Signed) W. Lincoln Sutton.

APPENDIX D.

SPALDING URBAN DISTRICT COUNCIL.

MEAT INSPECTOR'S ANNUAL REPORT FOR THE YEAR 1946.

During the year under review all home killed meat, distributed in the Spalding Urban District, has been inspected, animals showing evidence of disease have been examined in detail and the necessary action taken to safe-guard the public health.

In order to facilitate the operation of the meat distribution scheme the Ministry of Food Officials have again taken advantage of the fact that the meat inspection work is under one inspector and extended their scheme of centralised slaughtering so that practically the whole of the slaughtering previously carried out at New Bond Street Slaughterhouse is now done at the Mill Green premises. The numbers of inspections and weight of condemnations given below are, therefore, rather high but the proportions applicable to the Spalding Urban District are substantially the same as in previous years.

2,269 cattle; 5,834 sheep; 448 pigs and 419 calves have been slaughtered and the following amount of meat and offals, having an approximate weight of 35 tons 1 cwt., has been condemned as unfit for human consumption and disposed of for other purposes under the Ministry of Food Waste Utilisation Scheme.

Article Examined.	Disease or Condition Found.
38 Carcases of Beef and Offals	Generalised Tuberculosis.
26 Carcases of Beef and Offals	Emaciation and dropsy (Johnes Disease).
3 Carcases of Beef and Offals	Large malignant growth of abdominal cavity causing generalised dropsy.
2 Carcases of Beef and Offals	Jaundice.
1 Carcase of Beef and Offals	Generalised Actinomycosis.
2 Carcases of Beef and Offals	Extensive severe bruising and dropsy.
1 Cow Carcase and Offals	Milk Fever, badly bled moribund animal.
1 Cow Carcase and Offals	Septic Pericarditis and Pleurisy.
1 Cow Carcase and Offals	Septic Mastitis.
1 Cow Carcase and Offals	Badly bled, unwholesome carcase.
1 Heifer Carcase and Offals ...	Sapraemia.
4 Calf Carcases and Offals	Immaturity.
2 Calf Carcases and Offals	Generalised Dropsy.
2 Calf Carcases and Offals	Pyaemia.
2 Calf Carcases and Offals	Generalised Tuberculosis (Congenital).
30 Part Carcases of Beef	Tuberculosis.
21 Part Carcases of Beef	Bruising, dropsy, broken legs, localised abscesses, growths, etc.
2 Part Carcases of Beef	Septic Peritonitis.
1 Part Carcase of Beef and Offals	Commencing putrefaction.
1 Part Frozen Forequarter of Beef	Unwholesome; tainted with foul odour.
1,138 lbs Beef Trimmings	Bruised Flesh.
43 lbs. Beef Trimmings	Affected by maggots of the Warble Fly.
70 lbs. Beef Trimmings	Localised dropsy, tuberculosis, abscesses, etc.
4 lbs. Beef Trimmings	Actinomycosis.
112 Beasts Heads and Tongues ...	Tuberculosis.
45 Beasts Heads and Tongues ...	Actinomycosis.
1 Beasts Head and Tongue	Cancer of Throat.
9 Beasts Hearts	Tuberculosis.
5 Beasts Hearts	Pericarditis.
269 Beasts Lungs	Tuberculosis.
9 Beasts Lungs	Actinomycosis.
5 Beasts Lungs	Parasitic affection.
6 Beasts Lungs	Pneumonia.
4 Beasts Lungs	Echinococcus Cysts.
6 Beasts Lungs	Septic Abscesses.
20 Beasts Thick Skirts	Tuberculosis.
17 Beasts Thin Skirts and Trimmings	Pleurisy (due to abscesses, tuberculosis, etc.).
136 Beasts Livers	Distomatosis (Liver Flukes).
104 Beasts Livers	Septic Abscesses.
62 Beasts Livers	Tuberculosis.
24 Beasts Livers	Cavernous Angioma.
6 Beasts Livers	Cirrhosis.
4 Beasts Livers	Echinococcus Cysts.
2 Beasts Livers	Fatty Infiltration.
1 Beast Liver	Hepatitis.
1 Beast Liver	Pentastomum Larvae.
164 Part Beasts Livers	Distomatosis (Liver Flukes).
10 Part Beasts Livers	Septic Abscesses.
4 Part Beasts Livers	Necrosis.
9 Beasts Spleens	Tuberculosis.
14 Beasts Kidneys	Nephritis.
8 Beasts Kidneys	Tuberculosis.
9 Beasts Kidneys	Septic Abscesses.
2 Beasts Kidneys	Hydro-nephrosis.

Article Examined.	Disease or Condition Found.
5 Beasts Tripes	Peritonitis.
3 Beasts Tribes	Stale and putrefying.
14 Beasts Intestines & Mesentery	Tuberculosis.
2 Beasts Intestines & Mesentery	Peritonitis.
1 Beasts Intestines & Mesentery	Johnes Disease.
56 Cow Udders	Mastitis.
2 Cow Udders	Tuberculosis.
2 Calfs Livers	Cirrhosis.
2 Calfs Kidneys	Nephritis.
14 Pigs and Offals	Generalised Dropsy.
6 Pigs and Offals	Casualty animals slaughtered on farms; badly bled and unwholesome carcasses.
9 Pigs and Offals	Acute Swine Erysipelas.
8 Pigs and Offals	Generalised Tuberculosis.
7 Pigs and Offals	Evidence of Swine Fever.
2 Pigs and Offals	Jaundice and Dropsy.
4 Small Store Pigs and Offals	Rickets with malnutrition.
1 Small Store Pig and Offals	Malignant Growths.
12 Part Pig Carcasses	Broken legs, localised dropsy, localised abscesses, growths, etc.
1 Pigs Head, Spleen and Pluck	Tuberculosis.
4 Pigs Heads	Tuberculosis.
23 Pigs Feet and Hocks	Enlarged jointed; fibrous flesh.
1 Pigs Skin and Trimmings	Animal killed on farm; unable to scald.
140 lbs. Pork Trimmings	Urticaria.
54 lbs. Pork Trimmings	Bruised flesh.
26 lbs. Pork Trimmings	Peritonitis.
11 Pigs Hearts	Pericarditis.
1 Pigs Heart	Endocarditis.
20 Pigs Lungs	Pneumonia.
9 Pigs Lungs	Pleurisy.
1 Pigs Lung	Tuberculosis.
4 Pigs Livers	Echinococcus Cysts.
2 Pigs Livers	Hepatitis.
12 Pigs Kidneys and Trimmings	Nephritis.
5 Pigs Kidneys	Cystic.
3 Pigs Plucks and Mesentery ...	Tuberculosis.
7 Sets Pigs Intestines	Uncleaned; commencing putrefaction.
1 Sheep Carcase and Offals ...	Caseous Lymphadenitis.
2 Sheep and Offals	Emaciation and dropsy.
1 Sheep and Offals	Septic Pleurisy and generalised dropsy.
1 Sheep and Offals	Severe bruising and dropsy.
1 Sheep and Offals	Unwholesome carcase; animal dead on arrival.
9 Part Carcasses Mutton	Localised dropsy, abscesses, broken legs, etc.
1 Sheeps Heart	Pericarditis.
12 Sheeps Lungs	Parasitic Infection.
4 Sheeps Livers	Parasitic Infection.
3 Sheeps Plucks	Inflammation.
22 Sheeps Livers	Distomatosis (Liver Flukes).
7 Sheeps Livers	Echinococcus Crysts.
Others foodstuffs condemned were :	
Article Examined.	Condition Found.
114 x 6lb. Tins Corned Beef	Blown and damaged tins; contents unwholesome.
15 x 6lb. Tins Corned Mutton ...	Blown and damaged tins; contents unwholesome.
2 x 1½lb. Tins Vienna Sausages	Blown and damaged tins; contents unwholesome.
18lbs. Californian Raisins	Wet and mouldy.
17 x ¼lb. Packets of Tea	Contaminated with paraffin.

