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THE URBAN DISTRICT COUNCIL

OF

GAINSBOROUGH

ANNUAL REPORT

OF

THE MEDICAL OFFICER OF HEALTH

1973



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URBAN DISTRICT COUNCIL OF GAINSBOROUGH

Health Department Staff

Medical Officer of Health

J. S. Robertson, M.B., M.R.C.S., L.R.C.P., D.P.H., D.I.H.

Deputy Medical Officer of Health

A. V. Sheard, M.B., Ch.B., D.Obst.R.C.O.G., D.P.H.

Office: Public Health Department, The Cedars, Bigby Road, Brigg.

Tel: Brigg 3604/5

Clerks: Mrs. M. H. Akester, Mrs. N. A. Titman, Mrs. M. A. Jackson

Chief Public Health Inspector

Thomas M. Kilyon, M.A.P.H.I.

Office: The Guildhall, Gainsborough.

Tel: Gainsborough 2381

1. Certificate of the Royal Sanitary Institute and Sanitary Inspector's Examination Joint Board.
2. Royal Society of Health, Certificate as Inspector of Meat and other Fooda.
3. Royal Society of Health for Smoke Inspectors.

Deputy Chief Public Health Inspector

J. P. R. Carter, M.A.P.H.I.

1. Diploma of the Public Health Inspector's Examination Board

Additional Public Health Inspector

Mr. B. Vardy, Authorised Meat Inspector.

UNION DISTRICT COUNCIL OF GAINSBOROUGH

Health Department Staff

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J. S. Robertson, M.B., M.A.C.S., L.D.S.P., F.R.S., F.R.M., F.R.H.

Sanitary Medical Officer of Health

A. V. Sheard, M.B., Ch.B., D. Phil. D.C.P., F.R.S., F.R.H.

Office: Public Health Department, The Coburns, High Road, Bridge.

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Clerks: Mrs. M. W. Abbot, Mrs. H. A. Tinson, Mrs. M. A. Jackson

Chief Public Health Inspector

Thomas M. Kipson, M.A., F.R.S.

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Mr. A. V. Sheard, M.B., Ch.B., D. Phil. D.C.P., F.R.S., F.R.H.

The Cedars,
Bigby Road,
BRIGG,
South Humberside,
DN20 8HH.

June, 1974.

Mr. Chairman, Ladies and Gentlemen,

During its final year as a Public Health Authority Gainsborough Urban District had an otherwise satisfactory health record marred by a rise in the perinatal mortality rate. Of the five stillbirths recorded two were congenitally malformed babies, and one had been dead inside the womb for some time before birth, having died when the mother had a haemorrhage. One baby whose mother had eclampsia was stillborn, and the other stillbirth was so premature that if it had occurred a week sooner it would have ranked as an abortion. The five live-born babies which died include three with gross congenital malformations. The remaining two died of respiratory disease.

Whether some environmental factor may have been responsible for the unusually high incidence of malformation we do not know. Evidence as to the cause of neural tube defects is conflicting, but it is believed that there may be some environmental causes. The incidence of neural tube malformation in Gainsborough in 1973 was 11.23/1,000 total births. This is about three times the expected incidence of this type of malformation in this area but only a little above the "normal" incidence in Belfast!

Although recent reports suggested that neural tube defects might be related to the eating of blighted potato further studies have since thrown considerable doubt on the hypothesis and at this point in time we just don't understand the reasons for the variation in incidence which occurs between different places and in different years.

The Editor,
High Road,
Wick,
South Downside,
DMSO 2M.

June, 1974.

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During its final year as a Public Health Authority Gainsborough Urban District had an otherwise satisfactory health record marked by a rise in the perinatal mortality rate. Of the five stillbirths recorded two were congenitally malformed babies, and one had been dead inside the womb for some time before birth, having died when the mother had a haemorrhage. One baby whose mother had eclampsia was stillborn, and the other stillbirth was so premature that it had occurred a week sooner it would have ranked as an abortion. The five live-born babies which died include three with gross congenital malformations. The remaining two died of respiratory disease.

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Although recent reports suggested that neural tube defects might be related to the eating of blighted potato further studies have since thrown considerable doubt on the hypothesis and at this point in time we just don't understand the reasons for the variation in incidence which occurs between different places and in different years.

There were very few infectious diseases notified in 1973 apart from measles. The one case of food poisoning originated outside the District. Following diagnosis of tuberculosis in a student teacher from Lincolnshire who had visited a Gainsborough school; extensive tests among the children and staff of the school did not reveal any spread of the infection.

The measles cases were part of a widespread epidemic in the area, and seem unnecessary as the protective vaccine is freely available to all children at surgeries and clinics. It is up to parents to see that their children get the recommended inoculations if they wish them to avoid unpleasant and possibly dangerous infections.

Turning to housing, progress has been good for house improvements with 312 standard or discretionary grants being given. Although no completed slum clearance or new council housing are recorded in the statistics, progress has been made towards completion of the Saville Street/Primrose Street clearance area; also a new phase of the Park Springs estate has been started which will include 175 new houses.

The problem of the smell nuisance at Lea Road sewage works has proved very difficult and all the solutions so far tried have proved ineffective. Though not detrimental to health, this understandably causes complaint. The Severn-Trent Water Authority, which takes over the sewage works on reorganisation, is well aware of the problems and has undertaken to give the matter high priority.

Areas of progress during the year have been the opening of a superb new swimming pool, the formation of a Gainsborough branch of the National Association for Mental Health, and increased youth club facilities for older children.

This report will not appear until after the reorganisation of local government and the health service has taken place. Dr. R. D. Haigh has been appointed to the Lincolnshire Area Health Authority as officer with responsibility for medical advice to the West Lindsey Council.

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Turning to housing, progress has been good for house improvements with 315 standard or discretionary grants being given. Although no completed new clearance or new council housing are recorded in the statistics, progress has been made towards completion of the Saville Street/Timrose Street clearance area; also a new phase of the Park Springs estate has been started which will include 175 new houses.

The problem of the smell nuisance at Lee Road sewage works has proved very difficult and all the solutions so far tried have proved ineffective. Though not detrimental to health, this understandably causes complaint. The Severn-Trent Water Authority, which takes over the sewage works on reorganisation, is well aware of the problem and has undertaken to give the matter high priority.

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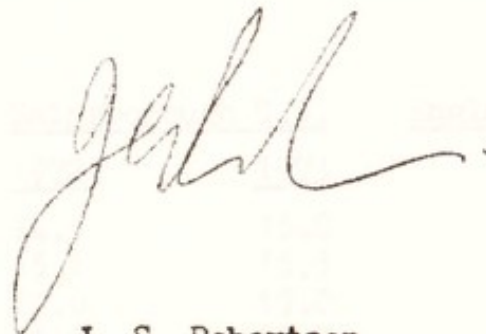
This report will not appear until after the reorganisation of local government and the health service has taken place. Dr. R. D. Haight has been appointed to the Lincolnshire Area Health Authority as officer with responsibility for medical advice to the West Lindsey Council.

The Local Authority will continue to have available advice on infectious diseases, food hygiene and all aspects of environmental health from an experienced community health doctor. He has the advantage of being a part of the National Health Service, with the resources of the Health Service more readily available to him than the Medical Officer of Health has had.

I should like to thank the Councillors and Officers for their kindness and support, and wish Gainsborough well for the future.

I am,

Your obedient servant,



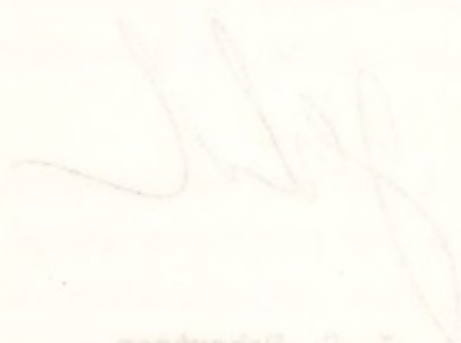
J. S. Robertson.
Medical Officer of Health.

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J. S. Robertson,
Medical Officer of Health.

VITAL STATISTICS

	<u>1971</u>	<u>1972</u>	<u>1973</u>
Mid-year Population	17,580	17,570	17,440
Live Births	317	254	262
Stillbirths	3	5	5
Infant deaths under 4 weeks of age	7	1	4
Total Deaths	243	219	268

	<u>Legitimate</u>			<u>Illegitimate</u>			<u>TOTAL</u>
	<u>Male</u>	<u>Female</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>	
Live Births	116	112	228	19	15	34	262
Stillbirths	-	3	3	-	2	2	5
Infant deaths under 1 year	3	-	3	2	-	2	5
Infant deaths under 4 weeks	3	-	3	1	-	1	4
Infant deaths under 1 week	3	-	3	1	-	1	4

	<u>Gainsborough U.D.</u>	<u>England & Wales</u>
	<u>1972</u>	<u>1973</u>
Crude Birth Rate	14.5	15.0
Corrected Birth Rate *	15.1	15.5
Stillbirth Rate	19.0	19.0
Infant Mortality Rate	16.0	19.0
Legitimate Infant Mortality Rate	18.0	13.0
Illegitimate Infant Mortality Rate	-	59.0
Neonatal Mortality Rate	4.0	15.0
Early Neonatal Mortality Rate	4.0	15.0
Perinatal Mortality Rate	23.0	34.0
Illegitimacy Rate	11.0	13.0
Crude Death Rate	12.5	15.4
Corrected Death Rate *	10.5	12.9

* These corrections take account of the different proportions of old and young people in the area, and make the resulting rate comparable with that for England and Wales. Thus, a resort to which old people retire would have a high crude rate but low comparability factor would correct the false impression that this was an unhealthy area. The comparability factor for this district for births is 1.03 and for deaths .84.

VITAL STATISTICS

1973	1972	1971	Mid-year Population
17,440	17,270	17,200	
262	254	317	Live Births
2	2	3	Stillbirths
4	1	7	Infant deaths under 4 weeks of age
268	257	323	Total Deaths

TOTAL	Legitimate			Illegitimate		
	Male	Female	Total	Male	Female	Total
262	116	112	228	12	12	24
2	-	2	2	-	2	2
2	2	-	2	2	-	2
4	2	-	2	1	-	1
4	2	-	2	1	-	1

Live Births
Stillbirths
Infant deaths under 1 year
Infant deaths under 4 weeks
Infant deaths under 1 week

1973	1972	1971	Gainsborough U.E.	England & Wales
13.7	13.0	14.2		
(13.7)	12.2	12.1		
12.0	12.0	12.0		
12.0	12.0	12.0		
12.0	12.0	12.0		
22.0	22.0	-		
11.0	12.0	4.0		
10.0	12.0	4.0		
21.0	24.0	23.0		
2.0	12.0	11.0		
12.0	12.1	12.2		
(12.0)	12.2	10.2		

Crude Birth Rate
Corrected Birth Rate *
Stillbirth Rate
Infant Mortality Rate
Legitimate Infant Mortality Rate
Illegitimate Infant Mortality Rate
Neonatal Mortality Rate
Early Neonatal Mortality Rate
Perinatal Mortality Rate
Infant Mortality Rate
Crude Death Rate
Corrected Death Rate *

* These corrections take account of the different proportions of old and young people in the area, and make the resulting rate comparable with that for England and Wales. Thus, a result to which old people retire would have a high crude rate but low comparability factor would correct the false impression that this was an unhealthy area. The comparability factor for this district for births is 1.03 and for deaths .84.

Causes of Death in the District during the year 1973

(Registrar General's Figures)

Causes of Death	0-	1-	15-	25-	45-	65+	Total	
							M	F
Other Infective & Parasitic Diseases	-	-	-	-	-	1	-	1
Malignant Neoplasm, Oesophagus	-	-	-	-	-	1	1	-
Malignant Neoplasm, Stomach	-	-	-	-	2	3	3	2
Malignant Neoplasm, Intestine	-	-	-	-	1	1	1	1
Malignant Neoplasm, Lung, Bronchus	-	-	-	1	3	7	8	3
Malignant Neoplasm, Breast	-	-	-	-	1	1	-	2
Malignant Neoplasm, Uterus	-	-	-	-	1	4	-	5
Malignant Neoplasm, Prostate	-	-	-	-	-	2	2	-
Leukaemia	-	-	-	1	-	-	-	1
Other Malignant Neoplasms	-	1	-	-	2	10	7	6
Benign & Unspecified Neoplasms	-	-	-	-	1	-	-	1
Diabetes Mellitus	-	-	-	-	-	1	-	1
Anaemias	-	-	-	-	-	1	-	1
Mental Disorders	-	-	-	-	-	1	-	1
Multiple Sclerosis	-	-	-	-	-	1	1	-
Other Diseases of Nervous System	-	-	-	1	-	-	1	-
Chronic Rheumatic Heart Disease	-	-	-	-	2	3	-	5
Hypertensive Heart Disease	-	-	-	-	-	6	5	1
Ischaemic Heart Disease	-	-	-	1	21	42	42	22
Other Forms of Heart Disease	-	-	-	-	2	27	12	17
Cerebrovascular Disease	-	-	-	1	4	39	23	21
Other Diseases of Circulatory System	-	-	-	-	1	2	3	-
Influenza	-	-	-	-	1	-	1	-
Pneumonia	1	-	-	-	-	20	10	11
Bronchitis and Emphysema	-	-	-	-	2	3	5	-
Other Diseases Of Respiratory System	-	-	-	-	-	3	2	1
Peptic Ulcer	-	-	-	-	-	2	1	1
Cirrhosis of Liver	-	-	-	-	-	1	-	1
Other Diseases of Digestive System	-	-	-	-	-	1	1	-
Nephritis and Nephrosis	-	-	1	-	-	2	1	2
Other Diseases, Genito-Urinary Syst.	-	-	-	-	-	2	-	2
Congenital Anomalies	2	-	-	1	-	-	3	-
Difficult Delivery and/or Anoxic Condition	2	-	-	-	-	-	2	-
Symptoms and Ill-Defined Conditions	-	-	-	-	-	14	5	9
Motor Vehicle Accidents	-	-	1	1	2	-	4	-
All Other Accidents	-	-	-	1	-	2	3	-
Suicide and Self-Inflicted Injuries	-	-	-	-	-	2	1	1
All Other External Causes	-	-	-	-	-	1	1	-
TOTAL:	5	1	2	8	46	206	149	119

Causes of Death in the District during the year 1973
(Registrar General's Figures)

Causes of Death	0-	1-	15-	25-	45-	65+	Total	
							M	F
All other External Causes	-	-	-	-	-	1	1	-
Self-inflicted Injuries	-	-	-	-	-	2	2	1
All Other Accidents	-	-	-	1	-	2	3	1
Motor Vehicle Accidents	-	-	1	1	-	2	4	1
Syncope and Ill-Defined Conditions	-	-	-	-	-	14	5	9
Condition	2	-	-	-	-	-	2	-
Difficult Delivery and/or Anoxic	-	-	-	-	-	-	-	-
Gonorrhea, Genito-Urinary Syst.	2	-	-	1	-	1	2	-
Other Diseases, Genito-Urinary Syst.	-	-	-	-	-	2	-	-
Hepatitis and Nephrosis	-	-	-	-	-	2	-	-
Other Diseases of Digestive System	-	-	1	-	-	2	-	-
Cirrhosis of Liver	-	-	-	-	-	1	-	-
Peptic Ulcer	-	-	-	-	-	1	-	-
Other Diseases of Respiratory System	-	-	-	-	-	3	2	1
Bronchitis and Emphysema	-	-	-	-	2	3	2	-
Pneumonia	1	-	-	-	-	20	10	11
Influenza	-	-	-	-	1	-	1	-
Other Diseases of Circulatory System	-	-	-	-	1	-	-	-
Cerebrovascular Diseases	-	-	-	1	1	2	3	-
Other Forms of Heart Disease	-	-	-	-	2	27	12	17
Ischaemic Heart Disease	-	-	-	1	21	42	42	22
Hypertensive Heart Disease	-	-	-	-	-	2	2	1
Chronic Rheumatic Heart Disease	-	-	-	-	2	2	-	-
Other Diseases of Nervous System	-	-	-	1	-	-	1	-
Multiple Sclerosis	-	-	-	-	-	-	-	-
Mental Disorders	-	-	-	-	-	-	-	-
Alcoholism	-	-	-	-	-	-	-	-
Diabetes Mellitus	-	-	-	-	-	1	-	-
Benign & Unspecified Neoplasms	-	-	-	-	1	-	-	-
Other Malignant Neoplasms	-	1	-	-	2	10	7	6
Leukemia	-	-	-	1	-	-	-	-
Malignant Neoplasms, Prostate	-	-	-	-	-	2	2	-
Malignant Neoplasms, Uterus	-	-	-	-	1	4	-	-
Malignant Neoplasms, Breast	-	-	-	-	-	1	-	-
Malignant Neoplasms, Lung, Bronchus	-	-	-	1	3	7	6	2
Malignant Neoplasms, Intestine	-	-	-	-	1	1	1	1
Malignant Neoplasms, Stomach	-	-	-	-	2	3	3	2
Malignant Neoplasms, Oesophagus	-	-	-	-	-	1	1	-
Other Infective & Parasitic Diseases	-	-	-	-	-	1	-	-
TOTAL:	2	1	2	6	46	208	129	119

NOTIFICATION OF INFECTIOUS AND OTHER DISEASES

BY AGE GROUPS

DISEASES	0+	1+	2+	3+	4+	5+	10+	25+	A.U.	TOTAL
Measles	16	22	27	45	57	105	9	4	5	290
Scarlet Fever	1	-	-	1	-	4	-	-	-	6
Food Poisoning	-	-	-	-	-	-	-	1	-	1
Meningitis	1	-	-	-	-	-	-	-	-	1
Pulmonary Tuberculosis	-	-	-	-	-	-	-	-	1	1
Total:	18	22	27	46	57	109	9	5	6	299

NOTIFICATION OF INFECTIOUS AND OTHER DISEASES
BY AGE GROUPS

DISEASES	0+	1+	2+	3+	4+	5+	10+	25+	A.U.	T. TAL.
Measles	18	22	27	45	27	102	9	4	2	220
Scarlet Fever	1	-	-	1	-	4	-	-	-	6
Food Poisoning	-	-	-	-	-	-	-	1	-	1
Meningitis	1	-	-	-	-	-	-	-	-	1
Pulmonary Tuberculosis	-	-	-	-	-	-	-	-	1	1
Total:	18	22	27	45	27	109	9	5	6	220

WATER SUPPLY

Water is supplied by the Lincoln and District Water Board. It is obtained from four boreholes and is stored in two reservoirs with an estimated total capacity of one and a half days' normal demand. A water tower with a capacity of 30,000 gallons is also provided for gravity feeding to the higher levels of the town.

Reports on samples of water taken by the Lincoln and District Water Board

(1) Lea Road No. 2 Borehole

Chemical Analysis in mg/l

Appearance - Clear and Bright

Colour ($^{\circ}$ Hazen)	-	Turbidity (Silica Scale)	0.8
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Odour & Taste - Nothing significant	Conductivity at 20° (Recip. Megohms)	700
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Total Dissolved Solids (180°)	-	pH	7.70
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Total Hardness as CaCO_3	354	Alkalinity as CaCO_3	172
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Non-Carbonate Hardness as CaCO_3	182	Calcium Hardness as CaCO_3	-
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Magnesium Hardness as CaCO_3	-	Free Carbon Dioxide as CO_2	7.0
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Chloride as Cl	19.5	Fluoride as F	0.07
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Phosphate as PO_4	-	Silica as SiO_2	-
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Sulphate as SO_4	185		
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Free Ammoniacal Nitrogen as N	0.03	Albuminoid Nitrogen as N	< 0.01
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Nitrate Nitrogen as N	< 0.5	Nitrite Nitrogen as N	-
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Oxygen absorbed from Permanganate (4 hr. at 27°)			Nil
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Iron as Fe	-	Manganese as Mn	-
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Potassium as K	-	Sodium as Na	-
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Heavy metals (copper, lead and zinc)			-
--------------------------------------	--	--	---

Other Parameters	-		
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WATER SUPPLY

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Reports on samples of water taken by the Lincoln and District Water Board

(1) See Head No. 2 Borehole

Chemical Analysis in mg/l

Appearance - Clear and bright

Colour (° Hazen) -

Turbidity (Siltex Scale) 0.8

Odour & Taste - Nothing significant

Conductivity at 20° (mho/cm. max.) 700

Total Dissolved Solids (TDS) -

mg/l 7.70

Total Hardness as CaCO₃ 354

Alkalinity as CaCO₃ 175

Non-Carbonate Hardness as CaCO₃ 182

Calcium Hardness as CaCO₃ -

Magnesium Hardness as CaCO₃ -

Free Carbon Dioxide as CO₂ 7.0

Chloride as Cl⁻ 19.5

Fluoride as F⁻ 0.07

Phosphate as PO₄ -

Silica as SiO₂ -

Sulphate as SO₄ 185

Free Ammoniacal Nitrogen as N 0.03

Ammoniacal Nitrogen as N 0.01

Nitrate Nitrogen as N 0.5

Nitrite Nitrogen as N -

Oxygen absorbed from ferrous sulfate (A. hr. at 20°) Nil

Iron as Fe -

Manganese as Mn -

Potassium as K -

Sodium as Na -

Heavy metals (copper, lead and zinc) -

Other Parameters -

(2) Glenthams Pumping Station

Chemical Analysis in mg/l

Appearance - Clear and bright

Colour (° Hazen)	-	Turbidity (Silica Scale)	0.8
Odour & Taste - Slight musty odour		Conductivity at 20° (Recip. Megohms)	920
Total Dissolved Solids(180°)	-	pH	-
Total Hardness as CaCO ₃	488	Alkalinity as CaCO ₃	286
Non-Carbonate Hardness as CaCO ₃	202	Calcium Hardness as CaCO ₃	-
Magnesium Hardness as CaCO ₃	-	Free Carbon Dioxide as CO ₂	29
Chloride as Cl	41.0	Fluoride as F	0.18
Phosphate as PO ₄	-	Silica as SiO ₂	-
Sulphate as SO ₄	186		
Free Ammoniacal Nitrogen as N	0.06	Albuminoid Nitrogen as N	0.03
Nitrate Nitrogen as N	1.3	Nitrite Nitrogen as N	-
Oxygen absorbed from Permanganate (4 hr. at 27°)			0.12
Iron as Fe	-	Manganese as Mn	-
Potassium as K	-	Sodium as Na	-
Heavy metals (copper, lead and zinc)			-
Other Parameters	-		

Bacteriological Examination

220 samples of water were taken for bacteriological examination from pumping stations serving the area. Of these only four were reported as having coliforms present and the affected source was free from organisms when resampled.

The Guildhall,
Gainsborough.

Mr. Chairman, Ladies and Gentlemen,

With the advent of local government reorganisation, this will be the last report prepared for the Gainsborough Urban District Council, and over the years much has been done to improve the environment and the health of those living in the town.

The West Lindsey District Council will consist of the existing Urban District of Gainsborough and Market Rasen and the Rural Districts of Caister, Gainsborough and Welton.

A great part of the year was spent in preparing for this amalgamation and trying to anticipate the difficulties that must inevitably arise, and the forming of a common policy. Officers could not be certain as to the exact nature of the duties which they might be called upon to perform but nevertheless everybody worked together for the considered good of the new authority.

Although I am now retiring from local government after almost 10 years as Chief Public Health Inspector with the Gainsborough Urban District Council and almost 33 years as a Public Health Inspector I hope that I made some contribution for the future well being of the new authority.

I worked initially with Dr. Ward who was Medical Officer of Health when I came to Gainsborough and more recently with Dr. Robertson and I am grateful to them both for the happy and fruitful relationship that resulted. I would also like to include Dr. Sheard in these remarks.

I have been most fortunate in having a conscientious and loyal staff over the years and I could not have performed my duties adequately without them. I must mention Mr. Carter, my deputy, Mrs. Cater, my secretary, Mr. Goulding rodent operative, and Mr. Taylor, Refuse collection foreman, and all the manual workers. Also all those who preceded them and are no longer in the Council's service.

I would like to thank all members of the Council, past and present, for their active support, understanding and kind consideration.

My department would have been unable to function efficiently without the support and assistance from my colleagues in other departments and I am deeply indebted to them.

So may I say "thank you" to you all.

I wish all who are remaining with the new West Lindsey District Council a happy successful and rewarding future, and that you will achieve the success you deserve. Many of you are also my friends and these wishes are also extended to your families.

I am,
Your obedient servant,

T. M. KILYON.

The Oldfield,
Gainsborough.

Mr. Chairman, Ladies and Gentlemen,

With the advent of local government reorganisation, this will be the last report prepared for the Gainsborough Urban District Council, and over the years much has been done to improve the environment and the health of those living in the town.

The West Lindsey District Council will consist of the existing Urban District of Gainsborough and Market Rasen and the Rural Districts of Calcester, Gainsborough and Welton.

A great part of the year was spent in preparing for this reorganisation and trying to anticipate the difficulties that must inevitably arise, and the forming of a common policy. Difficulties could not be certain as to the exact nature of the duties which they might be called upon to perform but nevertheless everybody worked together for the considered good of the new authority.

Although I am now retiring from local government after almost 10 years as Chief Public Health Inspector with the Gainsborough Urban District Council and almost 33 years as a Public Health Inspector I hope that I made some contribution for the future well being of the new authority.

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I am,
Your obedient servant,

T. M. KILN.

HOUSING STATISTICS

Total number of new houses erected during the year

(1)	By the local authority	Nil
(2)	By other local authorities	Nil
(3)	By other bodies or persons	52
(4)	Number allocated for replacing houses subject to Demolition Orders or otherwise demolished	12

Housing Repairs and Rent Acts, 1954 - 57

Number of certificates of disrepair issued	Nil
--	-----

Inspection of Dwelling-houses during the year

(1)	(a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	780
	(b) Number of inspections made for the purpose	2,411

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	15
---	----

Action under Statutory Powers during the year

(1)	Proceedings under Public Health Acts:-	
	(a) Number of dwellings in respect of which Notices were served requiring defects to be remedied	3
	(b) Number of dwelling-houses in which defects were remedied after service of formal notices:-	
	(i) By owners	1
	(ii) By local authority in default of owners	Nil

HOUSING STATISTICS

Total number of new houses erected during the year

Nil	(1) By the local authority
Nil	(2) By other local authorities
32	(3) By other bodies or persons
12	(A) Number allocated for replacing houses subject to demolition orders or otherwise demolished

Housing Repairs and Rent Acts, 1954 - 55

Number of certificates of disrepair issued

Inspection of dwelling-houses during the year

780	(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)
2,411	(b) Number of inspections made for the purpose

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

12

Action under Statutory Powers during the year

3	(1) Proceedings under Public Health Acts:-
	(a) Number of dwellings in respect of which Notices were served resulting defects to be remedied
	(b) Number of dwelling-houses in which defects were remedied after service of formal notices:-

1	(i) By owners
Nil	(ii) By local authority in default of owners

(2) Proceedings under the Housing Acts:-

- | | |
|---|-----|
| (a) Number of dwelling-houses in respect of which notices were served requiring repairs | Nil |
| (b) Number of dwelling-houses which were rendered fit after service of formal notice:- | |
| (i) By owners | Nil |
| (ii) By local authority in default of owners | Nil |
| (iii) Number of unfit houses purchased by local authority in accordance with Housing Acts | Nil |
| (c) Number of certificates of disrepair issued | Nil |

(3) Slum Clearance - Proceedings under the Housing Acts:-

- | | |
|--|-----|
| (a) Number of dwelling-houses in respect of which Demolition Orders were made | Nil |
| (b) Number of dwelling-houses demolished in pursuance of Demolition Orders | Nil |
| (c) Number of dwelling-houses, or parts subject to Closing Orders | Nil |
| (d) Number of dwelling-houses, or parts rendered fit by undertakings | Nil |
| (e) Number of dwelling-houses included in confirmed Clearance Orders | Nil |
| (f) Number of dwelling-houses demolished in pursuance thereof | 2 |
| (g) Total number of dwelling-houses on which Demolition Orders are operative and which are still occupied except under the provisions of Sections 34, 35 and 46 of the Housing Act, 1957 | Nil |
| (h) Total number of dwellin g-houses occupied under Sections 34, 35 and 46 of the Housing Act, 1957 | Nil |
| (i) Houses demolished or closed voluntarily by owners which would otherwise have been the subject of statutory action to secure demolition or closure | Nil |

- | | | |
|-----|--|-----|
| (4) | Nissen Huts, or similar hutments:- | |
| (a) | Number still occupied | Nil |
| (5) | Estimated number of dwellings, excluding those under paragraph (4) above, remaining to be dealt with under:- | |
| (a) | The Housing Act, 1957, Sections 16 and 18 | Nil |
| (b) | The Housing Act, 1957, Section 42 | 10 |

Housing Acts - Overcrowding

- | | | |
|-----|--|-----|
| (a) | Number of cases of overcrowding relieved during the year | Nil |
| (b) | Number of dwellings overcrowded at the end of the year | Nil |

Housing Acts, 1949 - 59

Number of dwellings for which applications for grants have been received:-

- | | | |
|-----|---------------------|-----|
| (a) | Standard Grant | 23 |
| (b) | Discretionary Grant | 289 |

Number of houses owned by the local authority which have been the subject of grant aid by the Ministry

Nil

Movable Dwellings, Tents, Vans etc.

Caravan Sites and Control of Development Act, 1960:-

Number of site licences	Nil
-------------------------	-----

Public Health Act, 1936

Number of site licences	1
Number of individual licences	Nil
Total number of movable dwellings permitted under above licence	1
Number of inspections during the year:-	
Sites	1
Dwellings	1
Number of contraventions remedied	Nil
Number of sites exempt from licence	Nil

(A) Misses House, or similar institution:-

Nil (a) Number still occupied

(2) Estimated number of dwellings, excluding those under paragraph (A) above, remaining to be dealt with under:-

Nil (a) The Housing Act, 1957, Sections 16 and 18
10 (b) The Housing Act, 1957, Section 15

Housing Acts - Overcrowding

(a) Number of cases of overcrowding relieved during the year

Nil (b) Number of dwellings overcrowded at the end of the year

Housing Acts, 1949 - 52

Number of dwellings for which applications for grants have been received:-

23 (a) Standard Grant

289 (b) Discretionary Grant

Nil Number of houses owned by the local authority which have been the subject of grant aid by the Ministry

Mobile Dwellings, Tents, Vans etc.

Caravan Sites and Control of Development Act, 1960:-

Nil Number of site licences

Public Health Act, 1936

1 Number of site licences

Nil Number of individual licences

1 Total number of mobile dwellings permitted under above licence

1 Number of inspections during the year:-

1 Sites

1 Dwellings

Nil Number of contraventions remedied

Nil Number of sites exempt from licence

INSPECTION AND SUPERVISION OF FOOD
AND FOOD PREMISES

ANALYSIS OF FOOD PREMISES WITHIN THE DISTRICT

Type of Business	Number of Premises
General Grocers and Provision Dealers	70
Greengrocers and Fruiterers (including those selling wet fish, game etc.	27
Meat Shops (butchers, purveyors of cooked and preserved meats, tripe etc.	30
Bakers and/or Confectioners	10
Fried Fish Shops	16
Shops selling mainly Sugar Confectionery, Minerals, Ice Cream etc.	28
Licensed Premises, Clubs, Canteens, Restaurants, Cafes, Snack Bars etc.	47
Poultry Packing Station	1

During the year 88 inspections were made of the above premises

FOOD AND DRUGS ACT, 1955, SECTION 16
REGISTERED PREMISES

Type of Business	Number Registered	Number of Inspections during year
Ice Cream (Manufacture)	1	1
Ice Cream (Storage and Sale)	63	24
Preparation and Manufacture of - Meat Products, including Meat Pies	18	10

MEAT, FOODS AND SLAUGHTERHOUSE INSPECTIONS
CARCASES INSPECTED AND CONDEMNED IN WHOLE
OR IN PART

Unsound Food:

	Cattle excl. Cows	Cows	Calves	Sheep & Lambs	Pigs
Number killed	3,842	54	4	9,969	18,450
Number inspected	3,842	54	4	9,969	18,450
All diseases except Tuberculosis and Cysticerci:					
Whole carcasses condemned	8	4	-	17	63
Carcasses of which some part or organ was condemned	147	32	-	122	613
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	4.034	66.666	-	1.394	3.663
Tuberculosis only:					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned	4	-	-	-	25
Percentage of the number inspected affected with tuberculosis	.104	-	-	-	.135
Cysticerosis:					
Carcasses of which some part or organ was condemned	4	-	-	-	-
Cases submitted to treatment by refrigeration	4	-	-	-	-
Generalised and totally condemned	1	-	-	-	-

No horse slaughtering for human consumption is carried on within the district.
No veterinary ante-mortem inspection of animals undertaken.
No action was necessary in regard to meat offered for sale by retail.

MEAT CONDEMNED DURING THE YEAR

CATTLE

1 Carcase and all offal	Leukaemia
1 Carcase and all offal	Generalised cysticercus bovis
1 Carcase and all offal	Gangrenous
1 Carcase and all offal	Septicaemia
1 Carcase and all offal	Septic peritonitis
1 Carcase and all offal	Moribund
4 Carcases and all offal	Oedema
1 Carcase and all offal	Arthritis
1 Carcase and all offal	Uraemia
9 Part hindquarters	Broken femur
4 Forequarters	Extensive bruising
111 Livers	Distomatosis
115 Livers	Abscesses
18 Livers	Hydatid cysts
18 Lungs	Pneumonia
6 Heads	Tuberculosis
2 Skirts	Abscesses
4 Kidneys	Hydro-nephritis
1 Head	Cysticercus bovis

PIGS

2 Carcases and all offal	Oedema
18 Carcases and all offal	Emaciation
1 Carcase and all offal	Septic peritonitis
1 Carcase and all offal	Septicaemia
15 Carcases and all offal	Moribund
19 Carcases and all offal	Pyæmia
25 Heads	Tuberculosis
36 Hindquarters, Loins and Shoulders	Abscesses
25 Legs	Broken and damaged
4 Hindquarters	Arthritis
5 Heads	Abscesses
90 Lungs	Pneumonia
15 Kidneys	Hydro-nephritis
345 Plucks	Ascaris Lumbricoides

SHEEP

1 Carcase and all offal	Leukaemia
1 Carcase and all offal	Uraemia
5 Carcases and all offal	Oedema
1 Carcase and all offal	Moribund
2 Carcases and all offal	Septicaemia
15 Plucks	Parasitic
4 Legs	Bruising
3 Shoulders	Bruising

MEAT CARRIAGES DURING THE YEAR

CATTLE

1 Carcass and all offal	Leishmaniasis
1 Carcass and all offal	Generalized cysticercus bovis
1 Carcass and all offal	Gangrenous
1 Carcass and all offal	Septicemia
1 Carcass and all offal	Septic peritonitis
1 Carcass and all offal	Marbrand
1 Carcass and all offal	Edema
1 Carcass and all offal	Arthritis
1 Carcass and all offal	Uræmia
9 Part hindquarters	Broken femur
1 Forequarters	Extensive bruising
111 Livers	Infarction
115 Livers	Abscesses
18 Livers	Hydatid cysts
18 Lungs	Pneumonia
6 Heads	Tuberculosis
2 Skins	Abscesses
4 Kidneys	Hydro-nephritis
1 Head	Cysticercus bovis

PIGS

2 Carcasses and all offal	Edema
18 Carcasses and all offal	Infestation
1 Carcass and all offal	Septic peritonitis
1 Carcass and all offal	Septicemia
15 Carcasses and all offal	Marbrand
19 Carcasses and all offal	Pyæmia
25 Heads	Tuberculosis
36 Hindquarters, loins and Shoulders	Abscesses
25 Legs	Broken and damaged
4 Hindquarters	Arthritis
5 Heads	Abscesses
90 Lungs	Pneumonia
15 Kidneys	Hydro-nephritis
345 Plocks	Ascaris lumbricoides

SHEEP

1 Carcass and all offal	Leishmaniasis
1 Carcass and all offal	Uræmia
5 Carcasses and all offal	Edema
1 Carcass and all offal	Marbrand
2 Carcasses and all offal	Septicemia
5 Plocks	Parasitic
4 Legs	Brucella
3 Shoulders	Brucella

POULTRY PACKING STATION

Although the Health Department are unable to employ an officer full-time at the poultry packing station to inspect the poultry being prepared for the sale for human consumption, emphasis has been placed on daily visits as far as possible.

The firm employ a team of quality control spotters under the charge of a supervisor. These spotters are placed at strategic points. There is one in the plucking room, three on the evisceration lines (two are stationary and one roaming) and one in the box room. An officer from my department then checks on all birds that have been withdrawn for any reason and condemnation tickets are made out.

The firm take regular samples for bacteriological examination in their own laboratories for purposes of quality control.

All water used in the factory is chlorinated in excess of the recommendations contained in the Code of Practice. Spot checks are made with the use of a Lovibond Comparator.

Number of poultry-packing premises in the district	1
Number of visits to these premises	250
Total number of birds processed during the year	7,041,000
Percentage of birds rejected as unfit for human consumption	0.126%
Weight of poultry condemned as unfit for human consumption	27,800lbs

SWIMMING POOLS

The new Gainsborough swimming pool situated at The Avenue, Gainsborough was officially opened by Mr. Albert E. Barrand on 15th September, 1973. This is the first phase of a large sports complex. The pool contains a main pool (82' X 41') a learner pool (36' X 21'), changing rooms with shower and toilet, locker room accommodating 331 bathers, cafe, and spectator gallery. It is very attractively designed with a beautiful view across the Trent into Nottinghamshire.

MORTUARY ACCOMMODATION

This includes autopsy room, reception area, refrigerated storage for six bodies which can be increased if necessary, offices and other amenities. The public area is most tastefully designed and furnished.

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The firm employ a team of quality control spotters under the charge of a supervisor. These spotters are placed at strategic points. There is one in the packing room, three on the evisceration lines (two are stationary and one roaming and one in the box room. An officer from my department then checks on all birds that have been withdrawn for any reason and condemnation tickets are made out.

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250	Number of visits to these premises
7,041,000	Total number of birds processed during the year
0.128%	Percentage of birds rejected as unfit for human consumption
27,800 lb	Weight of poultry condemned as unfit for human consumption

SWIMMING Pools

The new Gainsborough swimming pool situated at The Avenue, Gainsborough was officially opened by Mr. Albert E. Barrand on 15th September, 1973. This is the first phase of a large sports complex. The pool contains a main pool (62' X 41') a leisure pool (36' X 21'), changing rooms with shower and toilet, locker room accommodating 331 bathers, cafe, and spectator gallery. It is very attractively designed with a beautiful view across the Trent into Nottinghamshire.

MORTUARY ACCOMMODATION

This includes autopsy room, reception area, refrigerated storage for six bodies which can be increased if necessary, offices and other amenities. The public area is most tastefully designed and furnished.

MOVABLE DWELLINGS

No licences were issued under the Caravan Act.

PET ANIMALS ACT, 1951

Two licences to keep a pet shop under the provisions of the above Act were issued by the Council during the year.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1963

No applications for licences under the above Act were received.

OFFENSIVE TRADES

The number on the register is one and 20 visits were paid to these premises to ensure compliance with the bye-laws.

NATIONAL ASSISTANCE ACT, 1948

Under Section 50 of the above Act, it is the duty of the Council to cause to be buried or cremated the body of any person who has died or been found dead in the area where no suitable arrangements for disposal have been made. This function was delegated to your Public Health Inspector. No cases were dealt with during the year.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

249 premises are licensed under the above Act. 83 inspections were made. 5 defects were found.

REFUSE COLLECTION

Refuse collected from 7,848 premises in the area. The town is divided into three districts, each served by one vehicle.

A fourth vehicle is employed to supplement this service when, for various reasons, delays are experienced. This vehicle is also used for collections from business premises, hospitals, institutions, etc., and so concentrates the work of district vehicles on the house refuse.

MUNICIPAL LICENSING

No licenses were issued under the Liquor Act.

FEET AND WHEELS ACT, 1921

Two licenses to keep a foot shop under the provisions of the above Act were issued by the Council during the year.

ANIMAL BOARDING ESTABLISHMENTS ACT, 1903

No applications for licenses under the above Act were received.

OFFENSIVE TRADES

The number of the register is one and 20 visits were paid to these premises to ensure compliance with the bye-laws.

NATIONAL ASSISTANCE ACT, 1920

Under Section 50 of the above Act, it is the duty of the Council to cause to be buried or cremated the body of any person who has died or been found dead in the area where no suitable arrangements for disposal have been made. This function was delegated to your Public Health Inspector. No cases were dealt with during the year.

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REFUSE DISPOSAL

The method in use is that of controlled tipping. Soil is dug out by the angledozer, deposited on top of the refuse, and finally levelled off. Soil is also received from excavations on building sites in the immediate area.

Tipping operations are carried out in fields on the north side of the flood bank in Causeway Lane.

PREVENTION OF DAMAGE BY PESTS ACT, 1949

The following information extracted from the form prescribed by the Ministry of Agriculture, Fisheries and Food is for the year ending 31st December, 1973.

PROPERTIES OTHER THAN SEWERS

		Type of Property	
		Non-Agricultural	Agricultural
1.	Number of properties in the district	7,848	10
2.	(a) Total number of properties (including nearby premises) inspected following notification	731	-
	(b) Number infested by		
	(i) Rats	268	-
	(ii) Mice	18	-
3.	(a) Total number of properties inspected for rats and/or mice for reasons other than notification	41	2
	(b) Number infested by		
	(i) Rats	10	-
	(ii) Mice	-	-

SEWERS

4. Some evidence of sewer infestation by rats.

SANITARY IMPROVEMENTS EFFECTED

Rising dampness remedies	3
Wall plaster repaired	6
Ceiling plaster repaired	1
Eaves gutters repaired	7
Roofs repaired	4
Water heater renewed	1
Windows repaired	9
Pointing repairs	1
Chimney stacks repaired	2
Doors repaired	2
Floors repaired	5
Sanitary conveniences repaired	1
Gating renewed	1
Sink waste gully renewed	1
Blocked and defective drains repaired	20
Cut-buildings repaired	2
Staircases repaired	1

INSPECTIONS MADE DURING THE YEAR

Houses inspected under Public Health Acts including revisits	2,411
Complaints investigated	201
Factories with power	6
Drainage work	402
Butchers and departments	60
Bakehouse and confectionery departments	3
Fried fish shops	7
Grocers and greengrocers	33
Markets	104
Offensive trades premises	23
Ice cream shops	24
Cafes and restaurants	15
Licensed premises	12
Works canteens	3
Meat manufacturing premises	10
Vermin and rodent control	3,100
Depot and tip	230
Swimming bath visits	40
Unsound food	18
Offices, Shops and railway premises	83
Atmospheric pollution	10
Poultry packing station	250
Improvement Grants	2,520
Pet Animal shops	2

Caravans	28
Dirty and verminous premises	5
Cattle-market	20
Infectious diseases	28
Mortuary	5
Miscellaneous refuse collection and accumulation	21
Miscellaneous visits	220
Interviews	403
Slum clearance visits	50

FACTORIES ACT, 1961

The number of factories on the register, including bakehouses, is 119. During the year, 11 visits were paid to these premises. This work has been facilitated by the ready co-operation which has been extended at all times by Her Majesty's Inspector for the District.

The following table in the form required by the Ministry of Labour and National Service, gives a summary of the work undertaken by the Public Health Inspectors.

PART 1 OF THE ACT

1. Inspections for the purpose of provisions as to health (including inspections made by the Public Health Inspectors).

Premises	Number on Register	Number of		Occupiers prosecuted
		Inspections	Written Notices	
(i) Factories in which Sections 1,2,3,4 and 6 are to be enforced by Local Authorities	4	-	-	-
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	110	5	-	-
(iii) Other premises in which Section 7 is enforced by the Local Authority (including outworkers Premises	5	-	-	-
TOTAL:	119	5	-	-

2. Cases in which defects were found

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	To H.M. Inspec.	By H.M. Inspec.	
Want of cleanliness (S.1)	-	-	-	-	-
Overcrowding (S.2)	-	-	-	-	-
Unreasonable Temperature (S.3)	-	-	-	-	-
Inadequate ventilation (S.4)	-	-	-	-	-
Ineffective draining of floors (S.6)	-	-	-	-	-
Sanitary Conveniences (S.7)					
(a) insufficient	-	-	-	-	-
(b) unsuitable or defective	-	-	-	-	-
(c) not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to Out work	-	-	-	-	-
TOTAL:	-	-	-	-	-

PART VIII OF THE ACT

Outwork (Section 133 and 134)

Nature of Work	No. of out-workers in August list required by Section 110 (1) (c)	No. of cases of default in sending list to the Council	No. of prosecutions for failure to supply list	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wig Makers	-	-	-	-	-	-
TOTAL:	-	-	-	-	-	-

