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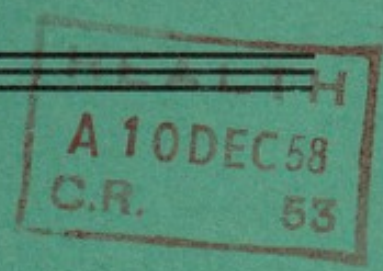
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Workop Rural District Council

ANNUAL REPORT

for



Year ended 31st December, 1957

by

M. B. McCANN

Medical Officer of Health

L.R.C.P., L.R.C.S., L.M., D.P.H.



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Worksop Rural District Council

YEAR ENDED 31ST DECEMBER, 1957.

Chairman :

MR. R. S. DADLEY, J.P.

Vice-Chairman :

MR. G. CAWTHORNE

MR. W. H. BECKETT	MR. J. H. LACEY
MR. F. BROUGH	MR. J. SMITH
MR. S. BURKE, C.C.	MR. T. STEVENSON
MR. C. W. COLLINGHAM	MR. W. N. STUBBINGS
MR. T. DENNIS	MRS. M. K. THOMAS
MR. F. K. GODBER	MR. M. LANGRICK
MR. H. GREAVES	MR. H. STOKES
MR. J. GYTE	MRS. E. WILSON
MRS. B. A. HARRISON	MR. J. C. ROBERTSON
MR. N. HAWKINS	(deceased)

Medical Officer of Health :

M. B. McCANN, L.R.C.P., L.R.C.S., L.M., D.P.H.

Surveyor and Chief Public Health Inspector :

C. J. PHILLIPS, M.R.S.H., C.R.S.H., M.A.P.H.I.

Additional Public Health Inspectors :

C. TURBERFIELD, Cert.R.S.H., M.A.P.H.I.

J. D. BULLIMORE, Cert.R.S.H., M.A.P.H.I. (Commenced 1st January, 1957).

Clerk of the Council : Chief Financial Officer and Rating & Valuation Officer :

C. I. INGHAM, A.R.V.A.

PUBLIC HEALTH DEPARTMENT,
HIGHFIELD HOUSE,
CARLTON ROAD,
WORKSOP.

July, 1958.

TO THE CHAIRMAN AND MEMBERS OF THE WORKSOP RURAL DISTRICT
COUNCIL.

SIR, LADIES AND GENTLEMEN,

I have the honour to submit for your consideration the annual health report for the year ended 31st December, 1957, together with the Vital Statistics relative to that period.

The population figure of 17,250 represents an increase of 140 over the corresponding figure for last year.

The birth rate is 19.8 per thousand of the population. The figure for England and Wales is 16.1.

The death rate at 9.1 per thousand of the population is below that for England and Wales (11.5).

The infant mortality rate at 17.8 per thousand live births, is below that for England and Wales (23.0).

The report includes information on the Health Services provided in the area by the Nottinghamshire County Council, and for this information I am indebted to the County Medical Officer.

I am,

Your obedient Servant,

M. B. McCANN,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

Area in acres	17,548
Population (estimated) mid year	17,250
No. of inhabited houses at 31st March, 1958	5,056
Rateable Value at 1st April, 1958	£185,692
Penny Rate Product at 31st March, 1958	£606 (approx.)

VITAL STATISTICS.

Live Births.

	M.	F.	Total
Legitimate	178	158	336
Illegitimate	2	5	7
Birth rate per 1,000 of population			19.8
Birth rate per 1,000 of population of England and Wales			16.1

Still Births.

	M.	F.	Total
Legitimate	6	4	10
Illegitimate	—	1	1
Rate per 1,000 (live and still) births			32.8
Rate per 1,000 estimated population			6.4

Maternal Mortality.

Deaths from Puerperal Causes	—
Other Maternal Causes	—

Infantile Mortality.

	M.	F.	Total
Deaths of Legitimate infants under 1 year	2	4	6
Deaths of Illegitimate infants under 1 year	—	—	Nil
Death rate of legitimate infants per 1,000 legitimate live births			17.8
Infant mortality rate for England and Wales per 1,000 live births			23.0

Deaths.

	M.	F.	Total
	101	56	157
Death rate per 1,000 estimated population	.....	.....	9.1
Death rate per 1,000 population England & Wales	.....	.....	11.5

All the above rates are calculated on the estimated population given by the Registrar General.

Mortality. The causes of death were :—

Respiratory Tuberculosis	.....	.....	.....	1
Tuberculosis (other forms)	.....	.....	.....	—
Cancer (all forms)	.....	.....	.....	28
Leukamia	.....	.....	.....	—
Vascular diseases of the nervous system	.....	.....	.....	17
Heart disease	.....	.....	.....	52
Other Circulatory diseases	.....	.....	.....	6
Pneumonia	.....	.....	.....	9
Bronchitis	.....	.....	.....	12
Other Defined and Ill-defined diseases	.....	.....	.....	11
Motor Vehicle Accidents	.....	.....	.....	3
All other Accidents	.....	.....	.....	6
Diabetes	.....	.....	.....	1
Suicide	.....	.....	.....	2
Congenital malformations	.....	.....	.....	2
Concealed haemorrhage and toxæmia of pregnancy	.....	.....	.....	—
Other diseases of respiratory system	.....	.....	.....	3
Other infective and parasitic diseases	.....	.....	.....	2
Ulcer of Stomach and Duodenum	.....	.....	.....	—
Hyperplasia of prostate	.....	.....	.....	2
				<hr/>
				157

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES.

Measles.

During the year 582 cases of measles were notified. The disease was epidemic from January to May, 1957. No child died as the result of having contracted measles.

Scarlet Fever.

Nineteen cases of scarlet fever were notified and the disease continues to be mild in type.

Whooping Cough.

There were 23 cases of whooping cough notified during the year as against 42 cases in 1956.

I am pleased to say, however, that at the Maternity and Child Welfare Clinics we are now carrying out combined immunisation against diphtheria and whooping cough on an increased scale. Eventually the disease may be reduced to minimal numbers.

Food Poisoning, Enteric Fever.

There was one case of paratyphoid notified during the year. Fortunately the patient turned out to be a carrier and because of her own good standards of personal hygiene, she did not spread the infection. The condition eventually cleared up, and she was able to resume her normal occupation.

Tuberculosis.

Ten new cases of pulmonary tuberculosis and two new cases of non-pulmonary tuberculosis were notified during the year. This represented a decrease of eight over the figure for 1956. There was only one death.

The period elapsing between date of notification and admission to a sanatorium has greatly decreased.

The Housing Committee has provided alternative housing accommodation for those families, one of whose members was known

to be suffering from "open" tuberculosis, and a separate bedroom provided.

Arrangements on a limited scale (owing to staffing difficulties) have been set up by the County Council for the B.C.G. inoculation of child contacts of tuberculosis patients, and where it is possible to remove the child to relatives while it is acquiring protection.

B.C.G. Skin Testing and Vaccination.

Tuberculin testing followed by B.C.G. vaccination was offered to children in the 13th year age group. The work, owing to a late start, was not complete before the end of the year.

The number of children skin tested was	29
The number of children positive	11
The number of children negative	18
The number of children vaccinated	17

Poliomyelitis.

There were no cases of poliomyelitis during the year.

Prophylaxis.

Although many parents had given their consent for vaccination against poliomyelitis, it was impossible to make definite plans because of the uncertain position regarding supplies of the vaccine available. During the year only sufficient vaccine was available to give 231 children both injections, and 18 their first injection.

At the end of the year the number of children still awaiting treatment was	1244
The number of children who completed treatment (1 to 4 years)	31
The number of children who completed treatment (5 to 10 years)	200

Diphtheria.

There were no cases of diphtheria during the year.

Infant Mortality.

There were six deaths under one year giving an infant mortality rate of 23.5.

TABLE I.
Comparative Infant Mortality Rates.

Year	Worksop Rural District	England & Wales
1952	31.3	27.6
1953	34.1	26.8
1954	30.9	25.5
1955	23.5	24.9
1956	17.6	23.8
1957	17.8	23.0

The causes of death are analysed in Table II. It will be seen that two of the six deaths were due to prematurity.

TABLE II.
CAUSES OF DEATH—INFANTS UNDER 1 YEAR.

CAUSE OF DEATH	AGE																	Total				
	DAYS										MONTHS											
	Under 1	1	2	3	4	5	6	7-13	14-20	21-28	1	2	3	4	5	6	7		8	9	10	11
Prematurity	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Heart Defect	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1
Atelectasis	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Asphyxia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Broncho-pneumonia	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
TOTAL	2	-	-	-	-	-	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	6

HOME HELP SERVICE.

The demand for Home Help in the Worksop Rural District increases as the amenities of the service become more widely known.

Home Helps are available for households where domestic help is needed owing to the presence of anyone who is sick, lying-in, an expectant mother, mentally defective, aged or a child not over compulsory school age.

The work undertaken by these women does not include nursing or midwifery duties and they are not used as "sitters-in," but they do the ordinary domestic work usually undertaken by the mother of a family, which may include cleaning, cooking, washing, care of children, mending and shopping.

The charge for the service is 3s. 3d. per hour except where the patient is unable to afford that amount, when the County Council's Scale of Assistance is applied. Home Helps are paid by the County Council and necessary travelling expenses are reimbursed.

Cases needing help should be reported to the Home Help Service, 61 Carlton Road, Worksop—Telephone : Worksop 2884, where the service is administered by a District Organiser and an Assistant.

NURSING IN THE HOME.

The names and addresses of the District Nurses residing in the Worksop Rural District are as follows :—

Name.	Address.	Tel. No.	Available for
E. Dyson	Willow Dene, Styrrup Road, Harworth	Tickhill 288	Harworth and Styrrup
M. Mowforth	Willow Dene, Styrrup Road, Harworth	Tickhill 288	
N. Richardson	36, Devonshire Road, Harworth	Tickhill 363	
C.W. Walton	16, Markham Road, Langold	N. Carlton 258	Langold Carlton-in-Lindrick Wallingwells

G. Young	The Close, Blyth	Blyth	242	Blyth Oldcotes Hodsock
M. Welch	Ten Row, Cuckney	Warsop	176	Nether Langwith Cuckney Welbeck Holbeck Carburton Norton

Male Nurse.

Mr. K. Moore	83, Ramsden Crescent, Carlton-in-Lindrick	N. Carlton 304	Worksop Area
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MATERNITY AND CHILD WELFARE.

The clinics for both Ante-Natal and Child Welfare are available as follows :—

Harworth, Former Day Nursery Premises, Scrooby Road, Bircotes.

A.N.	Weekly	Friday	2-0 p.m. to 4-30 p.m.
C.W.	Weekly	Monday	2-0 p.m. to 4-30 p.m.
	Weekly	Wednesday	2-0 p.m. to 4-30 p.m.

Langold, Temporary School Buildings, Firbeck Crescent.

A.N.	Fortnightly	Tuesday	2-0 p.m. to 4-30 p.m.
C.W.	Weekly	Friday	2-0 p.m. to 4-30 p.m.

Blyth Memorial Hall.

A.N.	Monthly	Tuesday	2-0 p.m. to 4-30 p.m.
C.W.	Fortnightly	Tuesday	2-0 p.m. to 4-30 p.m.

Carlton-in-Lindrick Village Centre.

A.N.	Fortnightly	Monday	9-30 a.m. to 12 noon.
C.W.	Weekly	Wednesday	2-0 p.m. to 4-30 p.m.

Cuckney Church Hall.

A.N.	Monthly	Thursday	2-0 p.m. to 4-30 p.m.
C.W.	Fortnightly	Thursday	2-0 p.m. to 4-30 p.m.

County Midwives are also available throughout the district as follows :—

Name.	Address.	Tel. No.	Available for
M. M. Hawke	14, Percival Street, Worksop	Worksop 3745	Carburton Norton
I. Chapman	24, South Parade, Worksop	Worksop 2334	Holbeck
E. Renshaw	256, Mansfield Road,	Worskop 3824	
E. Saxton	211, Carlton Road, Worksop	Worksop 2961	
I. Oliver	25, George Street, Worksop	Worksop 2437	Welbeck
S. Billing	21, Kipling Close, Worksop	Worskop 3727	
L. Yates	213, Forest Road, Warsop	Warsop 112	
B. Parker	Netherfield Lane, Church Warsop	Warsop 95	Cuckney
J. Goodaker	9, Lindrick Close, Carlton-in-Lindrick	N. Carlton 324	Carlton-in- Lindrick

SCHOOL MEDICAL SERVICES.

School and dental clinics are held as given hereunder :—

School Clinics.

Former Day Nursery Premises—Scrooby Road, Bircotes.

Tuesdays 9-30 a.m. to 12 noon.

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends Tuesdays.

Langold Temporary School Buildings, Firbeck Crescent.

Tuesdays 9-30 a.m. to 12 noon.

Fridays 9-30 a.m. to 12 noon.

Medical Officer attends Fridays.

Dental Clinics.

Former Day Nursery Premises—Scrooby Road, Bircotes.

Tuesday 9-30 a.m. to 12 noon.

1-15 p.m. to 3-45 p.m.

Wednesday 9-30 a.m. to 12 noon.

1-15 p.m. to 3-45 p.m.

Thursday 9-30 a.m. to 12 noon.

1-15 p.m. to 3-45 p.m.

Friday 9-30 a.m. to 12 noon.

By appointment.

VENEREAL DISEASES.

The Sheffield Regional Hospital Board is responsible for the control and treatment of Venereal Diseases throughout the area. Special Clinics are available as follows :—

Mansfield—held at Mansfield and District Hospital.

Monday	2-0 p.m. to 4-0 p.m.	Female
	10 a.m. to 12 noon	Male
	5-0 p.m. to 7-0 p.m.	Male
Wednesday	5-0 p.m. to 7-0 p.m.	Female

Worksop—held at Watson Road Clinic.

Wednesday	10 a.m. to 12 noon	Male & Female
Friday	10 a.m. to 12 noon	Male & Female

Doncaster—held at the Royal Infirmary.

Monday	9-0 a.m. to 12 noon	Male
	2-0 p.m. to 4-0 p.m.	Male
	4-0 p.m. to 7-0 p.m.	Female
Thursday	9-0 a.m. to 12 noon	Female
	2-0 p.m. to 4-0 p.m.	Female
	4-30 p.m. to 7-0 p.m.	Male
Saturday	9-0 a.m. to 12 noon	By appointment

Gainsborough—held at John Coupland Hospital.

Friday	6-0 p.m. to 7-0 p.m.	Male & Female
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Sheffield—held at the Royal Infirmary.

Monday	2-0 p.m. to 7-0 p.m.	Female and Children
	5-0 p.m. to 7-0 p.m.	Male
Thursday	5-0 p.m. to 7-0 p.m.	Male, Female & Children

Sheffield—held at the Royal Hospital.

Monday	9-30 a.m. to 12 noon	Male
Tuesday	9-30 a.m. to 12 noon	Female
	4-30 p.m. to 6-30 p.m.	Male
Wednesday	9-30 a.m. to 12 noon	Male
Thursday	9-30 a.m. to 12 noon	Female
Friday	9-30 a.m. to 12 noon	Female
	6-30 p.m. to 4-30 p.m.	Male
Saturday	9-30 a.m. to 12 noon	By appointment

Sheffield—held at the Jessop Hospital.

Tuesday	4-0 p.m. to 6-0 p.m.	Female and Children
Thursday	4-0 p.m. to 6-0 p.m.	Female and Children
Saturday	10 a.m. to 12 noon	By appointment

Sheffield—held at the City General Hospital.

Tuesday	2-0 p.m. to 4-0 p.m.	Female and Children
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TABLE III.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1957.

NOTIFIABLE DISEASES	At all ages	Under 1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65 and over	Bawtry	Bircotes	Blyth	Carlton-in-Lindrick	Carburton	Cuckney	Harworth	Langold	Oldcotes	Langwith	Costhorpe	Hesley Hall	Welbeck	Holbeck W'dhouse	Styrrup
Measles	582	15	51	75	71	90	266	10	3	1	-	-	-	31	100	6	148	-	7	67	165	36	-	12	-	2	2	6
Pneumonia	12	1	1	1	-	-	6	-	-	1	-	1	-	1	1	-	1	1	-	-	-	-	1	1	4	1	-	-
Scarlet Fever	19	-	-	2	1	1	11	4	-	-	-	-	-	-	5	-	5	-	-	5	2	1	-	1	-	-	-	-
Whooping Cough	23	2	2	4	2	-	10	3	-	-	-	-	-	1	8	-	1	-	-	5	-	-	-	-	8	-	-	-
Dysentery	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Food Poisoning	4	1	-	-	1	-	-	2	-	-	-	-	-	-	2	-	1	-	-	-	1	-	-	-	-	-	-	-
Paratyphoid Fever	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-

HOUSING.

	<i>Council</i>	<i>Private enterprise</i>
The number of new houses completed in the year	78	19
The number completed since the end of the war	931	*283
The number of new houses which were let to persons selected by the Health Department for tuberculous reasons and for reasons of overcrowding		Nil

During the year 1957, the number of houses represented as being unfit for human habitation was 7 (Blyth Clearance Area) and the number of houses comprised in slum clearance schemes was 7 (Blyth Clearance Area).

The total number of persons in the families involved was 16

**Includes 156 houses erected by the Coal Industry Housing Association.*

TABLE IV.

DIPHTHERIA IMMUNISATION.

ANNUAL RETURN FOR YEAR ENDED 31st DECEMBER, 1957.

WORKSOP RURAL DISTRICT

Number of children, who had completed a course of diphtheria immunisation at any time between 1st January, 1943 and 31st December, 1957.

AGE ON 31.12.57 (i.e. born in year	Under 1 1957	1-4 1953-56	5-9 1948-52	10-14 1943-47	Under 15 Total
A. No. of children who completed last course (primary or booster in the period 1953-1957)	74	852	1174	211	2311
B. No. of children whose last course (primary or booster) was completed in the period 1952 or earlier	—	—	299	1322	1621
Totals	74	852	1473	1533	3932

TABLE V.
Tuberculosis 1957

Age Periods in years	New Cases.				Deaths.			
	Pulmonary		Non- Pulmonary		Pulmonary		Non- Pulmonary	
	M	F	M	F	M	F	M	F
0-1	—	—	—	—	—	—	—	—
1-2	—	—	—	—	—	—	—	—
2-3	—	—	—	—	—	—	—	—
3-4	—	—	—	—	—	—	—	—
4-5	—	—	—	—	—	—	—	—
5-10	—	1	—	—	—	—	—	—
10-15	—	1	—	—	—	—	—	—
15-20	—	—	—	—	—	—	—	—
20-35	2	2	—	2	—	—	—	—
35-45	1	—	—	—	—	—	—	—
45-65	—	1	—	—	1	—	—	—
65 and over	1	1	—	—	—	—	—	—
Totals	4	6	—	2	1	—	—	—

PUBLIC HEALTH DEPARTMENT,
COUNCIL OFFICES,
HIGHFIELD HOUSE,
CARLTON HOUSE,
WORKSOP.

SANITARY INSPECTION OF THE AREA.

Report made to the Medical Officer of Health in pursuance of Article 27 of the Sanitary Officers (Outside London) Regulations, 1935.

C. J. PHILLIPS,
Chief Public Health Inspector.

1. INFECTIOUS DISEASE.

The home conditions and possible sources of infection of all cases of notifiable infectious diseases have been investigated following the removal of the patient to hospital. The rooms occupied by the patient are fumigated and the householders are given instructions on the cleansing of the houses and effects, disinfectant fluid is supplied by the Council, free of charge, for this purpose.

Thirty visits were made in connection with nineteen cases of scarlet fever and three cases of Tuberculosis notified during the year.

Two hundred and sixty six visits were also made in connection with cases of suspected food poisoning, dysentery, contacts, etc.

2. WATER SUPPLIES.

(i) Public Supplies.

The greater part of this district has continued to be supplied from six public sources, only one of these—Blyth Waterworks—being under the direct control of the Worksop Rural District Council. The six public sources are as follows :—

	Source of Supply.	Distribution.	Parishes.
1. Worksop Corporation	Deep boreholes, Sunnyside, Worksop	Gravity Supply from Reservoir, Peaks Hill, Carlton-in-Lindrick	1. Carlton-in-Lindrick 2. Hodsock 3. Oldcotes 4. Wallingwells

2. Blackwell Rural District Council	Three deep boreholes, Budby	Direct from main at Whaley Thorne from reservoirs at Stoney Houghton	1. Nether Langwith
3. Don Valley Water Board	Three deep boreholes at Austerfield.	Gravity supply from reservoir, Bawtry	1. Part of Harworth
4. National Coal Board	Deep borehole, South Carr, Harworth	Gravity supply from elevated tank at Harworth	1. Harworth (major part) 2. Styrrup
5. Welbeck Estates	Deep borehole, Carburton	Gravity supply from storage tank at Clumber and Cuckney	1. Carburton 2. Norton 3. Holbeck 4. Welbeck 5. Cuckney
6. Worksop Rural District Council	Deep borehole, Blyth	Gravity supply from storage tank, Blyth	Parish of Blyth

In addition to the parish of Blyth, the Rural District Council is the responsible authority for the distribution of the supplies in their area for the parishes of Carlton-in-Lindrick, Hodsock, Styrrup-with-Oldcotes, Nether Langwith and part of Harworth. The National Coal Board undertake distribution of the water to Bircotes Colliery village ; and Welbeck Estates Co. Ltd., is responsible for the parishes of Carburton, Norton, Holbeck, Welbeck and Cuckney.

(a) Bacteriological Examination.

Samples of water from the six public supplies were taken regularly throughout the year and the results indicate that a high standard of bacterial purity was maintained.

Seventy-nine samples were taken all of which proved to be satisfactory.

Five pre-chlorination samples were taken, three of which were from the Council's own supply at Blyth, and the bacteriological examination reports on all of these samples were satisfactory.

(b) Chemical Analysis.

Two samples of water were obtained for chemical analysis from each of the six public supplies during the year.

The reports on all the samples were satisfactory and the following is a copy of the Analyst's reports on the most recent samples :—

	Welbeck Estates Private Supply	Blackwell R.D.C. Bulk Supply	N.C.B. Bulk Supply Harworth Colliery
	No. 1	No. 2	No. 3
PHYSICAL CHARACTERS.			
Suspended Matter	none	none	none
Appearance of a column 2-ft. long	Clear ; colourless	Clear ; colourless	Clear ; colourless
Taste	normal	normal	normal
Odour	none	none	none
CHEMICAL EXAMINATION.			
	Parts per Million		
Total Solids dried at 180oC	348.0	438.0	458.0
Chlorides in terms of Chlorine	34.0	89.0	53.0
Equivalent to Sodium Chloride	56.1	146.7	87.4
Nitrites	none	none	none
Nitrates as Nitrogen	8.0	4.5	9.0
Poisonous Metals (Lead etc.)	none	none	none
Total Hardness	248.0	250.0	292.0
Temporary Hardness	110.0	110.0	145.0
Permanent Hardness	138.0	140.0	147.0
Oxygen Absorbed in 4 hours at 80oF	0.42	0.42	0.73
Ammoniacal Nitrogen	0.002	0.002	0.004
Albuminoid Nitrogen	0.008	0.024	0.032
Free Chlorine	—	0.25	—
pH Value	7.6	7.6	7.5
	Worksop R.D.C. Bulk Supply	Worksop Corpor- ation Supply	Don Valley Water Board Supply
	No. 4	No. 5	No. 6
PHYSICAL CHARACTERS.			
Suspended Matter	none	none	none
Appearance of a column 2-ft. long	Clear ; colourless	Clear ; colourless	Clear ; colourless

Taste	normal	normal	normal
Odour	none	none	none

CHEMICAL EXAMINATION	Parts per Million		
Total Solids dried at 180oC	632.0	786.0	222.0
Chlorides in terms of Chlorine	56.0	122.0	19.0
Equivalent to Sodium Chloride	92.3	201.1	31.3
Nitrites	none	none	none
Nitrates as Nitrogen	21.25	20.0	4.5
Poisonous Metals (Lead etc.)	none	none	none
Total Hardness	426.0	284.0	158.0
Temporary Hardness	210.0	235.0	130.0
Permanent Hardness	216.0	49.0	28.0
Oxygen Absorbed in 4 hours at 80oF	0.63	0.46	0.25
Ammoniacal Nitrogen	0.008	0.002	0.002
Albuminoid Nitrogen	0.040	0.032	0.008
Free Chlorine	—	none	none
pH Value	7.2	7.5	7.6

Water Main Extensions.

Ninety-nine additional houses have been supplied with water from the public mains, either in substitution for unsatisfactory existing supplies or to new houses.

Six water main extensions were carried out during the year, as follows :—

- (1) A 4-in. cast iron water main extended for a distance of 785 yards and a 3-in. cast iron water main extended for a distance of 448 yards to serve the housing estate off Martin Lane, Bawtry, which is being developed by private enterprise.
- (2) A 3-in. cast iron water main extended for a distance of 30 yards to serve houses in course of erection at Ingham Road, Bawtry, by private enterprise.
- (3) A 4-in. cast iron water main extended for a distance of 203 yards and a 3-in. cast iron water main extended for

a distance of 148 yards to supply houses in course of erection by the Council at Sherwood Road and Rutland Crescent, Harworth.

- (4) A 3-in. cast iron water main extended for a distance of 210 yards to supply houses erected by the Council at Sherwood Crescent, Blyth.
- (5) A 3-in. cast iron water main extended for a distance of 374 yards to supply houses in the course of erection by the Council at Dadley Road and Mulberry Crescent, Carlton-in-Lindrick.
- (6) A 2-in. cast iron water main extended for a distance of 40 yards to serve the Langwith Lodge Building Estate at Nether Langwith.

All the above works were carried out by direct labour.

3. DRAINAGE AND SEWERAGE.

The following extensions of foul and surface water sewers were completed during the year :—

- (1) 123 yards of 9-in. foul water sewer in earthenware pipes were laid by direct labour to serve houses in course of erection at Church Lane, Carlton-in-Lindrick.
- (2) 672 yards of 6-in. foul water sewer in earthenware pipes were laid by the contractors to serve Council houses in the course of erection at Sherwood Road and Rutland Crescent, Harworth. The following lengths of surface water sewer were also laid on this site :—
 - 150 yards of 6-in. surface water sewer in earthenware pipes.
 - 190 yards of 9-in. surface water sewer in earthenware pipes.
 - 236 yards of 12-in. surface water sewer in earthenware pipes.
 - 406 yards of 18-in. surface water sewer in spun concrete pipes.
- (3) 90 yards of 6-in. foul water sewer in earthenware pipes were laid by the contractors to serve Council houses erected at Lindrick Close, Carlton-in-Lindrick.

- (4) 48 yards of 6-in. foul water sewer in earthenware pipes were laid by the contractors to serve Council houses erected at Sherwood Crescent, Blyth. 227 yards of 6-in. and 100 yards of 9-in. surface water sewer in earthenware pipes were also laid on this site.
- (5) Work on the construction of new sewers in connection with the Norton & Cuckney Sewerage and Sewage Disposal Scheme was almost completed by the end of the year, 942 yards of 12-in., 439 yards of 9-in. and 232 yards of 6-in. foul sewer were laid during the year together with 163 yards of 4-in. cast iron rising main.

Private Sewers.

The following private sewers have been laid and connected to the public sewers :—

- (1) 982 yards of 6-in. foul water sewer in earthenware pipes were laid to serve the housing estate off Martin Lane, Bawtry, which is being developed by private enterprise.
- (2) 156 yards of 6-in. foul water sewer in earthenware pipes were laid to serve houses erected by private enterprise on the Langwith Lodge Estate at Langwith.

Norton and Cuckney Sewerage and Sewage Disposal Scheme.

Work on the construction of sewers, the two pumping stations and the disposal works was nearing completion by the end of the year, in the parishes of Norton and Cuckney. The ejectors were in the process of delivery and installation, and arrangements for the connection of existing house drainage systems to the new sewers were to be put in hand forthwith.

Blyth Sewerage and Sewage Disposal Scheme.

The whole of the works and drain connections in the parish of Blyth were completed and the scheme was put into operation during the year.

Harworth Sewage Disposal Works.

The local investigation by the Minister's Inspector in connection with the proposed extensions and improvements to the Harworth

Sewage Works was held on the 30th January when the proposed scheme prepared by Messrs. Silcock & Simpson (now Messrs. John H. Haiste & Partners), Consulting Engineers, Leeds, were considered.

The Inspector visited the Glass Bulbs Factory, Harworth, and observed at first hand the nature and extent of the trade effluent from this factory, which together with the increased flow from the extensive residential development in the parish, has been the cause of the deterioration of the condition of the Works and the total inadequacy of the treatment.

Following the local investigation by the Inspector a request was received from the Ministry to obtain precise recordings of the flow at the Works and the trade effluent, and various analyses of the sewage and trade effluents. In conjunction with the Engineers, arrangements were made for this data to be obtained by the end of the year, and it is now anticipated, with the completion of these preliminaries, the Consulting Engineers will have a meeting with the Minister's Inspector to discuss further the difficult problems with which they are now confronted, before preparing a revised scheme. Apart from the greatly increased flow over the past few years, the nature of the trade effluent is a matter for great concern. With the free use of hydrofluoric acid at the Glass Bulbs Factory deposits of calcium fluoride are being encountered in the sewers and in various units at the Works.

The severity of the problem is now fully appreciated and it is essential that improvements and additions at the Works be put in hand with the utmost speed, if a complete breakdown of the system is to be avoided.

Styrrup-with-Oldcotes Sewerage and Sewage Disposal.

Further consideration was given during the year to the proposals to sewer and provide sewerage disposal facilities in the villages of Styrrup and Oldcotes.

The Kiveton Park Rural District Council is anxious to provide similar facilities for Firbeck, one of their billages lying to the West of Oldcotes, and a proposal was put forward by them for a joint scheme. The Worksop Rural District Council accepted this request from the neighbouring authority and terms and conditions have been tentatively agreed.

Messrs. John H. Haiste & Partners, the Council's Consulting Engineers, are now engaged on the preparation of the scheme for the Parish which will be dealt with in two parts—(1) for the Village of Oldcotes (including Firbeck) to be treated at the existing Works at Hodsock and (2) a separate scheme for the village of Styrrup.

4. CLOSET CONVERSIONS.

The Council continued to approve a grant to owners of dwellinghouses of 50% of the total cost, but not exceeding £10-0-0d. per dwellinghouse, towards the cost of converting sanitary conveniences of the conservancy type into water closets, where application was made and a contribution recommended under Section 47 of the Public Health Act, 1936.

Contributions towards the cost of conversions were approved in eight cases during the year.

Five conversions were completed during the year, two in the parish of Carburton, two in the parish of Nether Langwith, and one in the parish of Norton.

5. PUBLIC CLEANSING.

Scavenging services were operated by direct labour throughout the district.

The service consisted of the weekly emptying of dustbins and pail closets, and the cleansing of privies and ashpits every six weeks.

The number and type of these receptacles is as follows :—

Dustbins	.....	.....	.....	.....	4,826
Pail closets	.....	.....	.....	.....	392
Privy Middens	.....	.....	.....	.....	182
Ashpits	.....	.....	.....	.....	85

Controlled tipping was carried out as far as possible.

Routine treatments of refuse tips were carried out during the year to prevent nuisance from rats etc.

The Council maintained and operated one Shelvoke & Drewry 16/18 cubic yard capacity, two Austiin and one Karrer Bantam

refuse collection vehicles until October when the Karrier Bantam was replaced with a Shelvoke & Drewry 13 cubic yard refuse collection vehicle.

Twenty men were employed on an average throughout the year on refuse collection and disposal.

The following work was carried out by the Cleansing Department during the year :—

Population served in all parishes	17,260
Total number of premises given regular service	5,038
Total number of dustbins emptied during the year	280,565
Total number of pail closets emptied during the year	27,602
Total number of ashpits emptied during the year	445
Total number of privy middens emptied during the year	1,696
Mileage travelled by the four vehicles	38,932
Cost of operation of the cleansing service by direct labour for the year ended 31/3/58	£12,762
(including £700 lorry reserve fund)	
Cost of operation of the cleansing service by direct labour for the year ended 31/3/57	£12,067
(including £600 lorry reserve fund)	

6. INFESTATION.

(a) Bed bugs.

Only two cases of infestation of bed bugs came to the notice of the Department during the year.

The treatment consisted of the removal of all skirting boards, picture rails, architraves etc. followed by thorough spraying with insecticide containing D.D.T. repeated until complete disinfection was achieved.

No cases of infestation were found in Council Houses.

(b) Rodent Control.

One of the Council's labourers, trained in the approved methods of rodent control is engaged on this work as and when necessary.

Periodic treatment of all refuse tips, sewage disposal works, and other lands and premises owned or occupied by the Council continued to be carried out throughout the year.

Disinfestation work for occupiers of dwellinghouses is carried out free of charge. A charge of 5/-d. per hour is made in respect of treatments carried out at business premises, farms etc.

During the year 138 infestations were dealt with, 120 of these were in connection with dwellinghouses.

Sewer Treatment.

The usual twice yearly treatment of the main sewerage systems in the district was carried out. One hundred and twenty six manholes were test baited during the year and it was found necessary to deal with four minor infestations thus revealed.

7. MILK SUPPLIES.

The number of registrations and inspections under the Milk and Dairies Regulations, 1949, was as follows :—

	Distributors	Dairies
No. of Register at the end of the year	17	3
No. of inspections during the year	35	6
No. of defects or unsatisfactory conditions found	—	—
No. of defects or unsatisfactory conditions remedied	—	—

The Milk (Special Designation) (Pasteurised & Sterilised Milk) Regulations, 1949-1953.

No. of licences in operation at the end of the year for the sale of :—

(a) Pasteurised milk	15
(b) Sterilised milk	12

The Milk (Special Designation) (Raw Milk) Regulations, 1959.

No. of licences in operation at the end of the year for the sale of Tuberculin Tested milk	13
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Samples of Milk.

During the year nineteen samples of pasteurised milk were taken and submitted to the Public Health Laboratory for the tests prescribed by the Regulations. With one exception, all the samples satisfied the standard demanded for pasteurised milk. The adverse report on the one sample may have been caused by the top of the bottle containing the sample being chipped; other samples from the same source proved to be satisfactory.

Ten samples of sterilised milk were also taken. The report on each of these samples was satisfactory.

8. MEAT AND OTHER FOOD.

Four slaughterhouses were licensed in the district but most of the local butchers continued to obtain the bulk of their dressed meat carcasses from wholesalers outside the district.

The following table is a record of the slaughtering and inspection carried out during the year :—

		Cattle excl. Cows	Cows	Calves	Sheep & Lambs	Pigs	Horses
Number killed	.....	138	11	—	155	65	—
Number inspected	.....	138	11	—	155	65	—
All diseases except Tuberculosis and Cysticerci							
Whole carcasses condemned	.....	—	—	—	—	—	—
Carcasses of which some part or organ was con- demned	.....	3	3	—	—	—	—
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	.....	2.2%	27.3%	—	—	—	—

Tuberculosis only :

Whole carcasses condemned	2	—	—	—	—	—
Carcases of which some part or organ was con- demned	11	—	—	—	—	—
Percentage of the number inspected affected with Tuberculosis	9.4%	—	—	—	—	—

Cysticercosis :

Carcases of which some part or organ was con- demned	—	—	—	—	—	—
Carcases submitted to treatment by refrigeration	—	—	—	—	—	—
Generalised and totally condemned	—	—	—	—	—	—

The total weight of meat condemned was 2,657 lbs.

Licences to slaughter or stun animals were renewed in respect of fifteen slaughtermen.

Particulars of foods (other than raw meat) surrendered or seized during the year :—

Nature of Food Condemned.				Reason for Condemnation.	Quantity.
Meat .....	.....	.....	.....	Tins blown, pierced or blown	60 tins
Fruit .....	.....	.....	.....	do.	164 tins
Tomatoes .....	.....	.....	.....	do.	99 tins
Vegetables .....	.....	.....	.....	do.	26 tins
Fish .....	.....	.....	.....	do.	29 tins
Soup .....	.....	.....	.....	do.	13 tins

Milk	.....	.....	.....	do.	76 tins
Macaroni	.....	.....	.....	do.	1 tin
Syrup	.....	.....	.....	do.	1 tin
Jam	.....	.....	.....	Glass containers broken	18 jars
Lemon Curd	.....	.....	.....	do.	2 jars
Pickles	.....	.....	.....	do.	5 jars
Sauce	.....	.....	.....	do.	7 bottles
Coffee	.....	.....	.....	do.	5 bottles
Bacon	.....	.....	.....	Decomposition commenced	37 lbs.
Cooked Meats	.....	.....	.....	do.	59 lbs.
Sausage	.....	.....	.....	do.	187 lbs.
Fish Cakes	.....	.....	.....	do.	141 lbs.
Cheese	.....	.....	.....	Mould formation	173 lbs.
Cake	.....	.....	.....	Contamination	73 lbs.
Cereals	.....	.....	.....	do.	6 lbs.
Rice	.....	.....	.....	do.	50 lbs.
Coconut	.....	.....	.....	do.	20 lbs.
Puddings	.....	.....	.....	do.	9 lbs.
Miscellaneous	.....	.....	.....	do.	3 lbs.
Lard, Butter, Margarine	.....	.....	.....	Rancid	9 lbs.

Total weight—1,695 lbs.

9. FOOD & DRUGS ACT, 1955—SECTION 16.

The number of premises registered under Section 16 of the Food & Drugs Act, 1955, were as follows :—

For the storage and sale of ice cream	.....	.....	30
For the preparation or manufacture of sausages etc.	.....	.....	7

10. FOOD HYGIENE REGULATIONS, 1955-56.

Total number of inspections of food premises	.....	118
Number of defects or unsatisfactory conditions found	.....	71
Number of defects or unsatisfactory conditions remedied during the year	.....	62

II. HOUSING.

Inspections of dwellinghouses were made under the Public Health and Housing Acts, and informal notices served where necessary.

Details of inspections are as follows :—

Total number of houses inspected	.....	.....	115
Number of inspections made for the purpose	.....	.....	157
Number of informal notices served	.....	.....	43
Number of notices complied with	.....	.....	43

Action taken under the Housing Act, 1936.

Number of unfit houses in Clearance Area confirmed during the year. (Section 25, Housing Act, 1936)	.....	.....	.....	.....	.....	.....	7
Number of houses in respect of which an undertaking was accepted from the owners to repair or re-condition. (Housing Act, 1936—Section 11)	.....	.....	.....	.....	.....	.....	3
Number of families displaced from unfit houses during the year	.....	.....	.....	.....	.....	.....	21 (58 persons)
Number of families (included above) rehoused by the Council	.....	.....	.....	.....	.....	.....	16 (47 persons)

New Houses.

A total of 78 houses were completed by the Council, and occupied, during 1957, as follows :—

PARISH OF BLYTH.

10 traditional type houses and 2 bungalows for aged persons. (5 of these houses and 1 bungalow were for rehousing persons from unfit houses).

PARISH OF CARLTON-IN-LINDRICK.

18 traditional type houses. (10 of these were for rehousing persons from unfit houses).

PARISH OF HARWORTH.

32 traditional type houses and 16 bungalows for aged persons.

The following is a summary of the Council's post war construction programme at the 31st December, 1957 :—

		Aluminium					Total
		Tradi- tional	Swedish Timber	Bungalows Temp.	Perm.	Aireys	
Houses completed by contract for Local Authority .....	.....	733	8	40	40	82	903
Houses completed by Small Builders' Scheme		28	—	—	—	—	28
Houses under construction by contract for Local Authority .....	.....	72	—	—	—	—	72

Houses constructed by private enterprise.

Nineteen houses were erected by private enterprise and occupied during the year.

12. SANITARY INSPECTION OF THE AREA—SUMMARY.

Housing .....	.....	328
Caravans and other temporary structures .....	.....	11
Infectious disease .....	.....	296
Verminous houses .....	.....	2
Other infestations .....	.....	7
Food premises .....	.....	108
Meat and other food .....	.....	294
Samples of food .....	.....	39
Slaughterhouses .....	.....	143
Milk distributors, Dairies, samples, etc. ....	.....	54
Water supplies, samples and investigations .....	.....	104
Sewage samples .....	.....	6
Ice cream premises, samples, etc. ....	.....	35

Rodent control	.....	.....	.....	.....	.....	.....	105
Nuisances	.....	.....	.....	.....	.....	.....	45
Conversions	.....	.....	.....	.....	.....	.....	12
Drainage, sanitary accommodation etc.	.....	.....	.....	.....	.....	.....	64
Disinfection, fumigation etc.	.....	.....	.....	.....	.....	.....	10
Factories	.....	.....	.....	.....	.....	.....	29
Public cleansing	.....	.....	.....	.....	.....	.....	141
Miscellaneous	.....	.....	.....	.....	.....	.....	180
Re-inspections	.....	.....	.....	.....	.....	.....	383
Total							<hr/> 2,396 <hr/>

13. INFORMAL ACTION.

Total number of complaints received for recorded	.....	33
Total number of informal notices served during the year		72
Total number of informal notices complied with	.....	66



