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WORKSOP RURAL DISTRICT COUNCIL

ANNUAL REPORT

FOR THE


Year ended 31st December, 1968

BY

G. TATTERSALL

Medical Officer of Health

M.A., M.B., B.Ch., D.P.H.



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M.A., M.B., B.Ch., D.P.H.

Worksop Rural District Council

YEAR ENDED 31ST DECEMBER, 1968.

Chairman :

Councillor MRS. E. WILSON, J.P.

Vice-Chairman :

Councillor L. C. BURTON

Councillor H. E. BOOTH	Councillor C. JAMES
Councillor F. BROUGH	Councillor C. I. JONES
Councillor G. CAWTHORNE	Councillor J. H. LACEY
Councillor J. GYTE	Councillor J. E. MACHENT
Councillor W. J. HAKES	Councillor H. McLOUGHLIN
Councillor Mrs. B. A. HARRISON	Councillor H. ROBINSON
Councillor F. A. HARRISON	Councillor S. SLACK, J.P.
Councillor N. HAWKINS	Councillor H. STOKES
Councillor T. L. HUGHES	Councillor Mrs. M. WATERHOUSE
Councillor N. L. JACKSON	

Medical Officer of Health :

G. TATTERSALL, M.A., M.B., B.Ch., D.P.H.

Deputy Medical Officer of Health :

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

Surveyor and Chief Public Health Inspector :

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

Additional Public Health Inspector :

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

Pupil Public Health Inspector :

GRANVILLE SMITH—left August, 1968.

HEALTH DEPARTMENT,
PARK HOUSE,
PARK STREET,
WORKSOP.

July, 1969.

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 1968 together with the vital statistics relative to the period.

The population figure of 20,560 represents an increase of 660 over the corresponding figure for last year.

The birth rate is 21.1 per thousand of the population. The figure for England and Wales is 16.9.

The death rate at 9.9 per thousand of the population is below that for England and Wales (11.9).

The infant mortality rate at 16.1 per thousand live births, is below that for England and Wales (18.0) and further details are included in the text.

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 should like to take this opportunity to express my thanks to the staff of the Department for their loyal and generous assistance, to the Officers of other Departments for their help and co-operation, and to the Council for support and encouragement.

Yours sincerely,

G. TATTERSALL,

Medical Officer of Health.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area in acres	17,548
Population (estimated mid-year)	20,560
No. of inhabited houses at 31st March, 1969	6,773
Rateable value at 31st March, 1969	£587,414
Penny Rate Product at 31st March, 1969	£2,443

VITAL STATISTICS

Live Births	M.	F.	Total
Legitimate	209	201	410
Illegitimate	10	13	23
Illegitimate live births per cent. of total live births			5.6
Birth rate per 1,000 of the population			21.1
Birth rate per 1,000 of the population of England and Wales			16.9
Still Births	M.	F.	Total
Legitimate	4	2	6
Illegitimate	—	—	—
Total Live and Still Births			439
Rate per 1,000 (Live and Still) Births			13.7
Rate per 1,000 estimated population			.29
Maternal Mortality (including abortion) :			
Number of deaths			Nil
Infantile Mortality (Deaths of Infants under 1 year) :			
	M.	F.	Total
Deaths of legitimate infants under 1 year	4	1	5
Deaths of illegitimate infants under 1 year	2	—	2
Death rate of legitimate infants per 1,000 legitimate live births			12.2
Infant mortality rate per 1,000 live births			16.1
Infant mortality rate for England and Wales per 1,000 live births			18.0
Neo-Natal Mortality Rate (Deaths under 4 weeks per 1,000 total live births)			11.1
Early Neo-Mortality Rate (Deaths under 1 week per 1,000 total live births)			11.1
Perinatal Mortality Rate (Still Births and Deaths under 1 week combined per 1,000 total live and still births)			25.0

Deaths	M.	F.	Total
	123	80	203
Death rate per 1,000 estimated population	....	....	9.9
Death rate per 1,000 population England and Wales	....	....	11.9

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

Mortality : The causes of deaths were :—

	M.	F.
Pulmonary Tuberculosis	1	—
Non Pulmonary Tuberculosis	1	—
Cancer (all forms)	23	12
Other disease of the nervous system	—	1
Heart disease	43	25
Other circulatory diseases	5	3
Pneumonia	4	5
Bronchitis and Emphysema	7	9
Symptoms and ill-defined conditions	1	—
Motor vehicle accidents	6	3
All other accidents	1	—
Diabetes	1	1
Congenital anomalies	1	—
Other diseases of respiratory system	5	—
Leukaemia, aleukaemia	2	1
Suicide and self-inflicted injuries	1	1
All other external causes	—	1
Anaemia	—	2
Hypertensive disease	1	—
Cerebrovascular disease	10	13
Influenza	2	1
Peptic ulcer	3	—
Intestinal obstruction and hernia	1	—
Cirrhosis of liver	1	—
Disease of the musculo-skeletal system	1	2
Birth injury, difficult labour, etc.	1	—
Other causes of perinatal mortality	1	—
	123	80

Cancer Deaths

There were 35 deaths from cancer. Arranged in decennial periods, these deaths occurred as below :

	1968	1967	1966	1965	1964	1963
Under 35 years	—	1	2	1	—	1
35 to 44 years	3	1	1	—	—	2
45 to 54 years	3	5	1	4	—	7
55 to 64 years	5	6	9	12	8	8
65 to 74 years	19	9	8	8	13	8
Over 75 years	5	6	6	5	4	5
TOTAL	35	28	27	30	25	31

The following table shows the analysis of the site of the disease during the past five years.

Year	Stomach		Lung		Breast	Uterus	Other	
	M.	F.	M.	F.	F.	F.	M.	F.
1964	—	1	5	—	2	—	12	5
1965	4	1	7	1	2	3	8	4
1966	1	—	8	—	5	—	7	6
1967	4	—	4	—	4	—	10	6
1968	1	—	11	2	4	—	11	6

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES

Measles

Year	No. of cases notified			
1968	202
1967	83
1966	364
1965	229
1964	76
1963	453
1962	39
1961	306
1960	50
1959	328
1958	6
1957	582
1956	39
1955	343
1954	64
1953	116
1952	123
1951	248
1950	214
1949	244
1948	20

For most years it is possible to note the biennial epidemic character of measles. It is now possible to vaccinate children successfully against measles, and, therefore, in future years the pattern displayed in these figures may alter a great deal. It is to be hoped indeed that this disease will in the future be relegated to the position of poliomyelitis and diphtheria.

During the year 523 children were vaccinated against measles.

Scarlet Fever

One case of scarlet fever was notified and the disease continues to be mild in type.

Whooping Cough

Three cases of whooping cough were notified during the year. The number of children immunised against the disease was 371.

Food Poisoning, Enteric Fever

Two cases of food poisoning were notified during the year.

Dysentery

Two cases of dysentery were notified during the year. The disease was mild in type and occurred in the school population.

Infective Jaundice

There were 27 cases of infective jaundice notified during the year.

Tuberculosis

There were four cases of pulmonary and one case of non-pulmonary tuberculosis notified during the year.

B.C.G. Skin Testing and Vaccination

Tuberculin testing followed by B.C.G. vaccination was offered to children in the 11th year age group and upwards :

Number of children skin tested	....	....	....	77
Number of children positive	....	....	....	10
Number of children negative	....	....	....	64
Number of children vaccinated	....	....	....	64

Diphtheria

There were no cases of diphtheria notified during the year.

In order to keep the disease from re-appearing, it is necessary to try to protect at least 75% of the children under 15 years.

Year	No. of children who completed a full course of treatment	
	Under 5	Over 5
1959	301	23
1960	315	20
1961	312	32
1962	262	11
1963	286	13
1964	343	10
1965	254	40
1966	329	21
1967	334	21
1968	367	19

Poliomyelitis

There were no cases of poliomyelitis notified during the year.

Poliomyelitis Vaccination

The number of children who received three doses of oral vaccine was 405.

Smallpox

The number of persons vaccinated against small pox was 262.

The number of persons re-vaccinated was 96.

Laburnum Seeds

Four children were sent to the Casualty Ward of the Victoria Hospital, Worksop, after having eaten laburnum seeds.

Treatment was carried out and no child was taken unduly ill.

Infant Mortality

There were seven deaths under one year giving an infant mortality rate of 16.1.

Table I

Comparative Infant Mortality Rates

Year	Worksop Rural District	England & Wales
1959	13.0	22.0
1960	32.6	21.7
1961	9.4	21.4
1962	33.6	21.4
1963	43.7	20.9
1964	39.8	20.0
1965	35.8	19.0
1966	18.0	19.0
1967	9.7	18.3
1968	16.1	18.0

The causes of death are analysed in Table II.

Of the seven deaths notified, two were due to prematurity, one to pneumonia and one to acute bronchitis.

Prematurity is a problem in itself and until we know much more about its cause, there is little we can do about it.

ENVIRONMENTAL HEALTH

Medical Examination of Staff

For superannuation and other purposes sixteen members of the Council's staff were medically examined by me during the year.

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 5/3d. 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 the District Organiser and an Assistant.

AMBULANCE SERVICE

Ambulance services are provided by Nottinghamshire County Council and are controlled from the County Ambulance Control in County Hall, West Bridgford, Nottingham.

Worksop station is self-contained and controls its own vehicles in co-operation with the rest of the County.

The station is manned by one superintendent, 22 men and a control assistant.

Vehicles comprise three ambulances, one large dual purpose ambulance to carry 12 people, and two small dual purpose vehicles to carry 7 people. One reserve ambulance is kept at the station in case of break-down or to replace an ambulance undergoing repairs.

Address—The Ambulance Station, Gateford Road. Telephone : Worksop 3366.

SERVICES FOR THE PHYSICALLY HANDICAPPED AND THE AGED

These services may be obtained by application to the County District Social Welfare Officer—Miss B. Millband, 3A, Overend Road, Worksop. Telephone No. 2600.

CHIROPODY SERVICE

Chiropody may be obtained for the elderly (persons over pensionable age) by application to the Welfare Centre, Eastgate, Worksop, on Tuesdays (2.30—7.30 p.m.).

A suitable appointment will then be made.

MENTAL HEALTH

The County District Mental Health Officer is Mr. G. Wynn, who has an office at the Worksop County Health Clinic, Carlton Road, Worksop. Telephone No. 4337.

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
*M. Mowforth	Willow Dene, Styrrup Road, Harworth	Tickhill 288	Harworth and Styrrup
*N. Richardson	4, Sandrock Road, Harworth	Tickhill 363	
*V. Bacon	44, Chestnut Road, Langold	North Carlton 549	
*C. E. Walton	16, Markham Road, Langold	North Carlton 258	Langold Carlton-in-Lindrick Wallingwells

*S. Rollinson	The Cedars, Thorne Road, Austerfield, Doncaster	Bawtry 409	Blyth Oldcotes Hodsock
G. E. Steele	5, Alandale Avenue, Langwith Junction	Shirebrook 2453	Nether Langwith Cuckney Welbeck Holbeck Carburton Norton

*These District Nurses also do Midwifery.

MATERNITY AND CHILD WELFARE

The Clinics which are both Ante-Natal and Child Welfare are available as follows :—

Harworth. Scrooby Road, Bircotes.

A.N.	Weekly	Friday	2.00 p.m. to 4.30 p.m.
C.W.	Weekly	Monday	2.00 p.m. to 4.30 p.m.
	Weekly	Thursday	2.00 p.m. to 4.30 p.m.

Langold. Temporary School Buildings, Firbeck Crescent.

C.W.	Fortnightly	Friday	2.00 p.m. to 4.30 p.m.
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Blyth. Surgery Premises, Station Road.

C.W.	Fortnightly	Friday	2.00 p.m. to 4.30 p.m.
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Carlton-in-Lindrick. Long Lane.

C.W.	Weekly	Wednesday	1.00 p.m. to 4.30 p.m.
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Toddler's Clinic :

	Fortnightly	Thursday	9.30 a.m. to 12 noon
--	-------------	----------	----------------------

Welbeck. Lady Margaret Hall.

C.W.	Fortnightly	Tuesday	2.00 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 Holbeck
I. Chapman	24, South Parade, Worksop	Worksop 2334	
E. Saxton	11, Harewood Road, Worksop	Worksop 2961	Welbeck
I. Oliver	25, George Street, Worksop	Worksop 2437	
S. M. Butler	24, Arundel Drive, Carlton-in-Lindrick	North Carlton 213	
M. Wintle	46, Woodland Drive, Worksop	Worksop 3786	
P. B. Malbon	75, Windsor Road, Carlton-in-Lindrick	North Carlton 476	
M. Waterhouse	Boon Hills Farm, Langwith	Shirebrook 2250	

SCHOOL MEDICAL SERVICES

School and dental clinics are held as given hereunder :

School Clinics

Bircotes—Scrooby Road

Tuesdays 9.30 a.m. to 12 noon (Nurse's Session)

Fridays 9.30 a.m. to 12 noon

Medical Officer attends Fridays (10.45 a.m. to noon)

Langold—Temporary School Buildings, Firbeck Crescent

Fridays 9.30 a.m. to 12 noon

Medical Officer attends Fridays (9.30 a.m. to 10.30 a.m.)

Dental Clinics

Bircotes—County Welfare Centre, Scrooby Road

Treatment by appointment as follows :—

Wednesday 9.00 a.m. to 12 noon
1.30 p.m. to 4.00 p.m.

VENEREAL DISEASE

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

Mansfield—held at Mansfield and District Hospital

Monday 2.00 p.m. to 4.00 p.m. Female

Tuesday 10.00 a.m. to 12 noon Male
3.45 p.m. to 5.45 p.m. Male

Wednesday 4.00 p.m. to 6.00 p.m. Female

Workshop—held at Watson Road Clinic

Wednesday	10.00 a.m. to 12 noon	Male & Female
Friday	10.00 a.m. to 12 noon	Male & Female

Doncaster—held at Royal Infirmary

Monday	9.00 a.m. to 12 noon and	
	2.00 p.m. to 3.30 p.m.	Male
	4.30 p.m. to 6.00 p.m.	Female
Thursday	4.30 p.m. to 6.00 p.m.	Male
	9.00 a.m. to 12 noon	Female
	2-30 p.m. to 3.30 p.m.	Female
	1.45 p.m. to 3.00 p.m.	Diagnostic clinic—by appointment

Treatment daily 9.00 to 10.00 a.m. and 5.00 to 6.00 p.m.
excluding Saturday afternoons and ALL day Sunday.

Sheffield—held at the Jessop Hospital

Tuesday	4.00 p.m. to 6.00 p.m.	Female and Children
Thursday	4.00 p.m. to 6.00 p.m.	Female and 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
	2.00 p.m. to 4.00 p.m.	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
	2.00 p.m. to 4.00 p.m.	By appointment
Friday	9.30 a.m. to 12 noon	Male
	4.30 p.m. to 6.30 p.m.	Male
Saturday	9.30 a.m. to 12 noon	Male & Female

Sheffield—held at the Royal Infirmary

Monday	2.00 p.m. to 4.00 p.m.	Female
	5.00 p.m. to 7.00 p.m.	Male & Female
Thursday	5.00 p.m. to 7.00 p.m.	Male & Female

TABLE II.
CAUSES OF DEATH—INFANTS UNDER 1 YEAR

CAUSES 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
Inattention at Birth ...	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Prematurity ...	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Inhalation of Vomit ...	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Hyaline Membrane Disease	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Acute Bronchitis ...	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1
Pneumonia of the Newborn	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
TOTAL ...	2	1	-	1	-	-	1	-	-	-	-	1	-	-	-	-	1	-	-	-	-	7

TABLE III.
CASES OF INFECTIOUS DISEASE NOTIFIED DURING THE YEAR 1968

NOTIFIABLE DISEASES	At all ages	Under 1	1-2	2-3	3-4	4-5	5-9	10-14	15-24	25-34	35-44	45-64	65 and over	Bawtry	Bircotes	Carlton-in-Lindrick	Harworth	Langold	Blyth	Oldcotes	Welbeck	Carburton	Costhorpe	Hesley Hall	Cuckney
Dysentery ...	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-
Paralytic Poliomyelitis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles ...	202	5	27	34	30	25	75	6	-	-	-	-	-	42	29	49	14	48	3	4	1	1	1	-	10
Scarlet Fever ...	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Whooping Cough	3	-	-	1	1	-	1	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	2	-
Food Poisoning	2	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Infective Hepatitis	27	-	-	1	-	1	11	4	8	2	-	-	-	-	19	-	5	-	3	-	-	-	-	-	-

TABLE IV.
Tuberculosis 1968

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	—	—	—	—	—	—	—	—
5-9	—	—	—	—	—	—	—	—
10-14	—	—	—	—	—	—	—	—
15-19	—	—	—	—	—	—	—	—
20-34	—	—	—	1	—	—	—	—
35-44	—	—	—	—	—	—	1	—
45-64	3	—	—	—	1	—	—	—
65 and over	1	—	—	—	—	—	—	—
Totals	4	—	—	1	1	—	1	—

The following table shows the number of new cases and deaths arising in the district during each of the past 10 years :—

Year	New Cases	Deaths
1959	11	2
1960	7	2
1961	12	1
1962	13	—
1963	7	—
1964	8	—
1965	7	—
1966	3	2
1967	7	—
1968	5	2

PRESCRIBED PARTICULARS ON THE ADMINISTRATION OF THE FACTORIES ACT, 1961.

PART I. OF THE ACT.

1. INSPECTIONS for purposes of provisions as to health
(including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written Notices (4)	Occupiers Prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	—	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority	27	9	—	—
(iii) Other Premises in which Sec- tion 7 is enforced by the Local Authority (excluding out- workers' premises)	8	8	—	—
TOTAL	35	17	—	—

2. Cases in which DEFECTS were found :—

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecu- tions were instituted (6)
	Found (2)	Rem- edied (3)	Referred		
			To H.M. In- spector (4)	By H.M. In- spector (5)	
Sanitary Conveniences (S.7)—					
(a) Insufficient	—	—	—	—	—
(b) Unsuitable or defective	1	1	—	1	—
(c) Not separate for sexes	—	—	—	—	—
TOTAL	1	1	—	1	—

PART VIII. OF THE ACT.**Outwork.**

(Sections 133 and 134).

Section 133			Section 134		
No. of out-workers in August list required by Section 133(1) (c) (2)	No. of cases of default in sending lists to the Council (3)	No. of prosecutions for failure to supply lists (4)	No. of instances of work in unwholesome premises (5)	Notices served (6)	Prosecutions (7)
—	—	—	—	—	—

Worksop Rural District Council

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

SANITARY INSPECTION OF THE AREA

Report made to the Medical Officer of Health in pursuance of Article 25 of the Public Health Officers Regulations, 1959.

C. J. PHILLIPS,

Chief Public Health Inspector.

1. INFECTIOUS DISEASE

The home conditions and possible sources of infections of all cases of infectious disease are investigated. Where necessary the rooms occupied by the patient are fumigated and the householders are given instructions on the cleansing of the houses and effects, and on the precautions to be taken to prevent the spread of infection ; disinfectant fluid is supplied by the Council, free of charge, for this purpose.

Ninety-five visits were made in connection with one case of scarlet fever, twenty-three cases of infective jaundice, and cases of suspected food poisoning, dysentery, contacts, etc.

2. WATER SUPPLIES

The six public sources of supply in the district are as follows :—

	Source of Supply	Distribution	Parishes
1. Central Notts. Water Board	Deep boreholes, Sunnyside, Worksop	Gravity supply from Reservoir, Peaks Hill, Carlton-in-Lindrick	1. Carlton-in-Lindrick 2. Hodsock 3. Oldcotes 4. Wallingwells
2. Central Notts. Water Board	Three deep boreholes, Budby	Direct from main at Whaley Thorne from reservoirs at Stoney Houghton	1. Nether Langwith
3. Central Notts. Water Board	Deep borehole, Blyth	Gravity supply from storage tank, Blyth	Parish of Blyth
4. Don Valley Water Board	Three deep boreholes, Austerfield	Gravity supply from reservoir, Bawtry	1. Part of Harworth
5. National Coal Board	Deep borehole, South Carr, Harworth	Gravity supply from elevated tank at Harworth	1. Harworth (major part) 2. Styrrup
6. Welbeck Estates Co. Ltd.	Deep borehole, Carburton	Gravity supply from storage tank at Clumber and Cuckney	1. Carburton 2. Norton 3. Holbeck 4. Welbeck 5. Cuckney

(a) Bacteriological Examination

Samples of water from the public supplies were taken regularly and the reports indicate that a satisfactory standard of purity was maintained.

Fifty-five samples were taken for bacteriological examination and all the reports were satisfactory.

(b) Chemical Analysis

Six samples were taken for chemical analysis from the 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 samples from each of the six public supplies :—

				Central Notts. Water Board (Worksop Supply)	N.C.B. Bulk Supply Harworth Colliery	Don Valley Water Board Supply
				No. 1	No. 2	No. 3
PHYSICAL CHARACTERS						
Suspended Matter	....	....	....	none	none	none
Appearance of a column 2 ft. long				clear : faintly yellow	clear : faintly yellow	clear : faintly yellow
Taste	....	....	....	normal	normal	normal
Odour	....	....	....	none	none	none
CHEMICAL EXAMINATION				Parts per Million		
Total Solids dried at 180°C	....			918.0	540.0	220.0
Chlorides in terms of Chlorine				275.0	113.0	28.0
Equivalent to Sodium Chloride				453.0	186.3	46.2
Nitrites	....	....	....	faint trace	faint trace	none
Nitrates as Nitrogen	....	....	....	4.44	3.72	1.94
Poisonous Metals (Lead etc.)	....			— no significant amount	—	—
Total Hardness	....	....	....	400.0	336.0	152.0
Temporary Hardness	....	....	....	95.8	161.3	126.0
Permanent Hardness	....	....	....	304.2	174.7	26.0
Oxygen absorbed in 4 hours at 80°F	....	....	....	0.28	0.96	0.56
Ammoniacal Nitrogen	....	....	....	0.064	0.032	0.064
Albuminoid Nitrogen	....	....	....	0.080	0.048	0.056
Free Chlorine	....	....	....	none	none	none
pH Value	....	....	....	7.5	7.4	7.7

	Central Notts. Water Board (Blyth Supply)	Welbeck Estates Private Supply	Central Notts. Water Board (Nether Langwith Supply)
	No. 4	No. 5	No. 6
PHYSICAL CHARACTERS			
Suspended Matter	none	none	none
Appearance of a column 2 ft. long	clear : faintly yellow	clear : faintly yellow	clear : faintly yellow
Taste	normal	normal	normal
Odour	none	none	none
CHEMICAL EXAMINATION			
	Parts per Million		
Total Solids dried at 180°C	604.0	394.0	488.0
Chlorides in terms of Chlorine	67.0	55.0	146.0
Equivalent to Sodium Chloride	110.5	90.6	240.7
Nitrites	none	none	none
Nitrates as Nitrogen	4.19	3.72	1.95
Poisonous Metals (Lead etc.)	— no significant amount —		
Total Hardness	390.0	242.0	262.0
Temporary Hardness	201.6	105.8	110.7
Permanent Hardness	188.4	136.2	151.3
Oxygen absorbed in 4 hours at 80°F.	0.08	0.76	0.60
Ammoniacal Nitrogen	0.056	0.032	0.048
Albuminoid Nitrogen	0.048	0.040	0.056
Free Chlorine	none	none	none
pH Value	7.4	7.6	7.5

(c) Water Main Extensions

Two hundred and seventeen additional houses have been supplied with water from the public mains during the year.

The water mains have been extended during the year as follows :—

3-in.	....	359 yards
4-in.	....	809 yards
6-in.	....	2,075 yards

(d) Dwellinghouses supplied from the public mains

	No. supplied direct to houses	Estimated Popu- lation	No. supplied by means of standpipe	Estimated Popu- lation
Blyth	385	1,005	—	—
Carburton	46	138	—	—
Carlton-in-Lindrick	1,680	4,789	—	—
Cuckney	84	289	—	—
Harworth	2,801	8,880	—	—
Hodsock	989	3,219	—	—
Holbeck	101	342	—	—
Nether Langwith	161	535	—	—
Norton	70	218	—	—
Styrrup-with- Oldcotes	201	586	—	—
Wallingwells	12	36	—	—
Welbeck	16	84	—	—
	<hr/> 6,546 <hr/>	<hr/> 20,121 <hr/>	<hr/> — <hr/>	<hr/> — <hr/>

3. DRAINAGE AND SEWERAGE

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

1,200 yards of foul water sewer in 6-in. earthenware pipes were constructed to serve houses in course of erection by private enterprise on a site to the south of Long Lane, Carlton-in-Lindrick, 300 yards of surface water sewer in 21-in., 50 yards in 18-in. and 130 yards in 15-in. concrete pipes and 360 yards in 9-in. and 250 yards in 6-in. earthenware pipes were also laid on this site.

4. CLOSET CONVERSIONS—PUBLIC HEALTH ACT, 1936 SECTION 47.

The Council continued to make grants to owners of dwelling-houses of 50% of the total cost, but not exceeding £15 per dwelling-house, towards the cost of converting sanitary conveniences of the conservancy type into water closets in accordance with the provisions of Section 47 of the Public Health Act, 1936.

Applications were approved during the year in respect of the conversion of two pail closets into water closets in the parish of Styrrup-with-Oldcotes.

5. PUBLIC CLEANSING.

Refuse collection services were operated by direct labour throughout the district.

The bonus scheme referred to in previous reports continued to operate satisfactorily.

The service consists of the weekly emptying of dustbins and pail closets and the cleansing of privy middens and ashpits every two weeks.

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

Dustbins	....	....	....	....	7,456
Pail closets	....	....	....	....	111
Privy middens	....	....	....	....	26
Ashpits	....	....	....	....	16

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 operated two Shelvoke & Drewry vehicles each of 16/18 cubic yard capacity and one Shelvoke & Drewry vehicle of 13 cubic yard capacity, with one old 16/18 cubic yard vehicle in reserve.

14 men were employed throughout the year on refuse collection and disposal, with part-time assistance from an additional man engaged mainly on other duties.

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

Population served in all parishes	....	....	....	20,560
Total number of premises given regular service	....	....	....	6,743
Total number of dustbins emptied during the year	....	....	....	372,582
Total number of pail closets emptied during the year	....	....	....	5,260
Total number of ash pits emptied during the year	....	....	....	351
Total number of privy middens emptied during the year	....	....	....	554
Mileage travelled by the four vehicles	....	....	....	36,783
Cost of operation of the cleansing service by direct labour for the year ended 31/3/69	....	....	....	£23,614
(including £1,250 lorry reserve fund)				
Cost of operation of the cleansing service by direct labour for the year ended 31/3/68	....	....	....	£21,899
(including £1,250 lorry reserve fund)				

6. INFESTATION

(a) Bed Bugs

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

The infested houses together with the furniture and effects were dealt by fumigation and spraying by a specialist firm of contractors.

(b) Rodent Control

The refuse tips, sewage disposal works and other land and premises owned and occupied by the Council were inspected regularly to detect any infestation of rats and treatment carried out when necessary.

The main sewerage systems in the district were also treated in co-operation with the Infestation Control Branch of the Ministry of Agriculture.

223 minor infestations of rats and 3 infestations of mice were also dealt with in connection with dwellinghouses and 11 infestations of rats and 1 infestation of mice at other premises.

Infestations at dwellinghouses are dealt with free of charge but 15/4d. per hour is charged in respect of the treatment of infestations at premises other than dwellinghouses.

7. MEAT AND OTHER FOOD.

There are no licensed slaughterhouses in the district, the butchers obtaining their meat wholesale or by using licensed slaughterhouses in adjoining districts.

Licences to slaughter or stun animals outside the Council's district were renewed in respect of three slaughtermen and one new licence was issued during the year.

Particulars of food surrendered or seized during the year :—

Canned Fruit and Vegetables ....	....	160 lbs.
Canned Meat ....	....	10 lbs.
Miscellaneous, frozen foods etc. ....	....	69 lbs.
		—
		239 lbs.
		—

8. FOOD AND DRUGS ACT, 1955—SECTION 16.

The number of premises registered at the end of the year under Section 16 of the Food and Drugs Act, 1955, was as follows :—

For the storage and sale of ice cream ....	....	46
For the preparation or manufacture of sausages etc.		7

9. FOOD HYGIENE REGULATIONS—1955-1966.

Total number of inspections of food premises, delivery vehicles, etc.	157
Number of defects or unsatisfactory conditions found	11
Number of defects or unsatisfactory conditions remedied during the year	11

10. 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	41
Number of inspections made for the purpose	75

Action taken under the Housing Act, 1957.

Number of houses demolished (Section 24)	6
Number of houses demolished (Section 17)	1
Number of families displaced	5

(9 persons)

House Purchase and Housing Act, and the Housing (Financial Provisions) Act, 1958.

Number of houses improved with the aid of grants.

(a) By Standard Grants	13
(b) By Discretionary Grants	—

New Houses

102 houses were completed by the Council and occupied during 1968, as follows :—

PARISH OF BLYTH

3 traditional bungalows for aged persons.

PARISH OF CARLTON-IN-LINDRICK.

47 Wimpey “No-fines” concrete houses (being the completion of a scheme of 188 houses, 95 of which were for mine workers).

4 traditional bungalows for aged persons.

PARISH OF HARWORTH.

24 Wimpey “No-fines” concrete houses (being the completion of a scheme of 186 houses, 100 of which were for mine workers).

20 traditional houses.

4 traditional bungalows for aged persons.

The following is a summary of the Council's post war construction programme at the 31st December, 1968.

	Tradi- tional Timber	Swedish Temp.	Aluminium Bungalows Perm.	Aireys	" No Fines "	Concrete (Wimpey)	Total
Houses completed by contract for Local Authority	1,462	8	40*	40*	82	374	2,006
Houses completed by Small Builders' Scheme	28	—	—	—	—	—	28
Houses under con- struction by contract for the Local Authority	—	—	—	—	—	—	—

*All of the aluminium bungalows have been demolished.

Houses constructed by Private Enterprise.

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

11. SANITARY INSPECTION OF THE AREA—SUMMARY

Housing	....	....	....	....	....	931
Caravans	....	....	....	....	....	25
Infectious disease	....	....	....	....	....	95
Rodent control	....	....	....	....	....	319
Pest control	....	....	....	....	....	177
Food hygiene	....	....	....	....	....	105
Water supplies, samples and investigations	....	....	....	....	....	65
Trade effluent samples	....	....	....	....	....	22
Drainage	....	....	....	....	....	101
Nuisances	....	....	....	....	....	49
Watercourses	....	....	....	....	....	8
Factories	....	....	....	....	....	17
Offices, shops	51
Public Cleansing	329
Miscellaneous	79
Re-inspections	256
						<hr/> 2,629 <hr/>



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