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Contributors

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Urban District of Bedworth



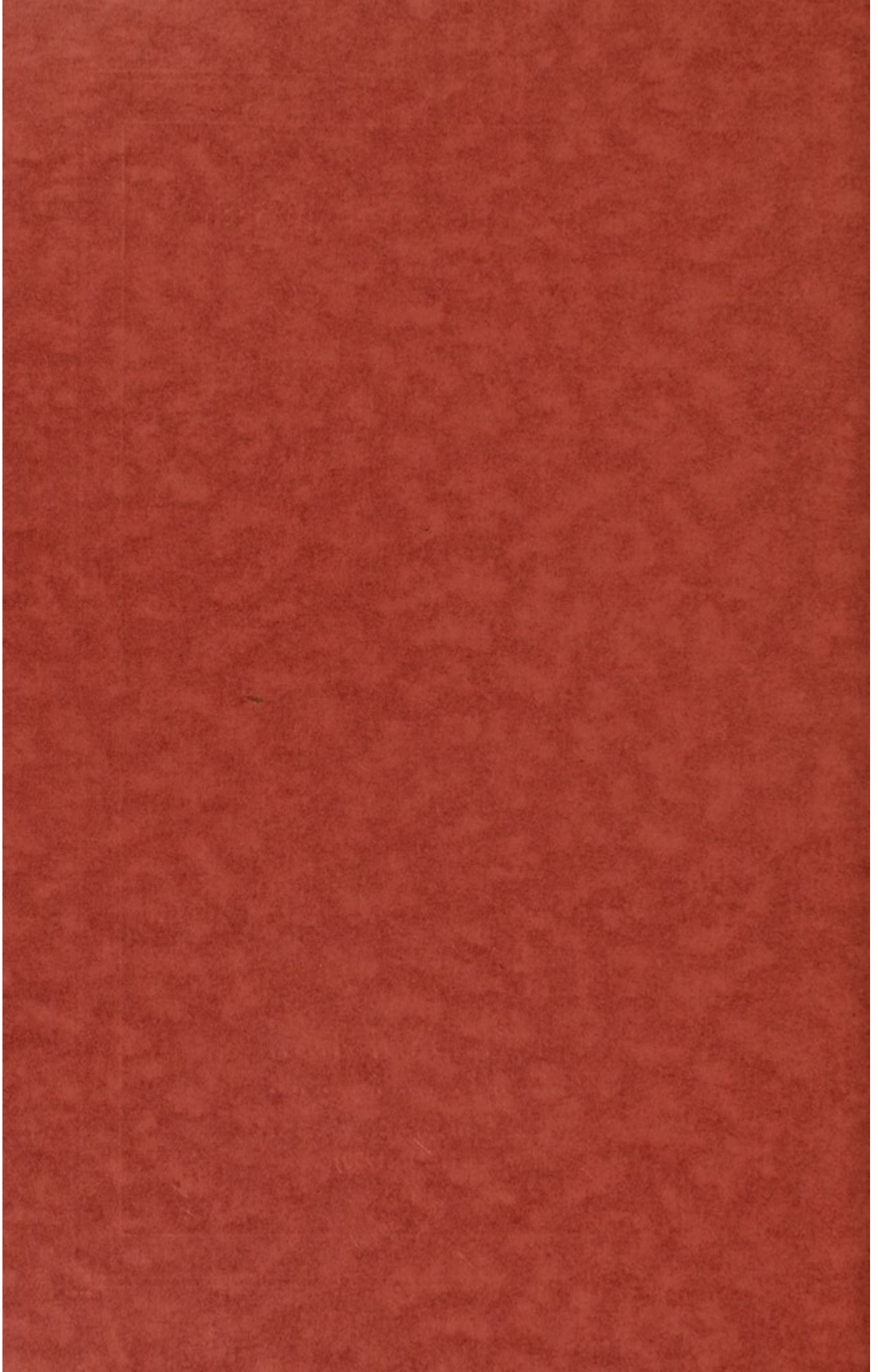
ANNUAL REPORT

OF THE
MEDICAL OFFICER
OF HEALTH

INCLUDING THE
Chief Sanitary Inspector's
Report for the year 1949

by

G. R. KERSHAW, M.A.,
M.R.C.S., L.R.C.P., D.P.H.
Medical Officer of Health
(APPOINTED 1950)



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United States of America

ANNUAL

REPORT

OF THE

COMMISSIONER

OF THE

LAND OFFICE

FOR THE

YEAR

ENDING

DECEMBER

31, 1891

URBAN DISTRICT COUNCIL OF BEDWORTH

Council Offices,

BEDWORTH,

Nr. Nuneaton.

October, 1950.

*To the Chairman and Members,
Public Works Committee,
Bedworth Urban District Council.*

GENTLEMEN,

In connection with this Annual Report for the year 1949, it is with considerable regret that I have to record the passing of our Medical Officer of Health, Dr. P. G. Horsburgh, who was held in high esteem and greatly respected.

Dr. Horsburgh died on the 30th January, 1950, and the presentation of the Statistical Report for the year 1949 calls for this introduction.

As Medical Officer of Health, Dr. Horsburgh did a considerable amount of work in promoting the progress and improvement of the sanitary conditions of the urban district, and much of what he did will be revealed during the ensuing years, particularly in relation to reducing the large number of insanitary cesspools which existed at Bulkington.

It is difficult to specify any particular line of development for which Dr. Horsburgh was responsible, but it may be stated that he was very insistent upon the need for meeting the water supply at Bulkington. He pressed for a supplementary supply to be obtained from a neighbouring authority. This has now been arranged, and has proved an immense boon for the residents in the particular area now supplied.

Although the Council continue very active in pursuing their building programme, much still remains to be done, and it may be mentioned that Dr. Horsburgh, while acting as Medical Officer of Health for the district over a period of six years, continually brought to the notice of the Council individual unfit houses and would have been only too pleased to have promoted slum-clearance schemes had circumstances permitted.

I am pleased to have this opportunity of expressing my real appreciation of the work which was done by our former Medical Officer of Health, Dr. P. G. Horsburgh.

FREDERICK LEONARD PERKINS,

Chairman of the Council.

URBAN DISTRICT COUNCIL OF BEDWORTH

Council Offices,
High Street,
BEDWORTH.

October, 1950.

*To the Chairman and Members,
Public Works Committee,
Bedworth Urban District Council.*

MR. CHAIRMAN AND GENTLEMEN,

I have the honour to submit to you the Annual Report of your late Medical Officer of Health for the year 1949, which has been prepared by the Public Health Department.

Having no personal knowledge of conditions in the Urban District at this time, I can do no more than make the objective comment that, after making allowances for the prevalence or otherwise of certain childhood diseases in the locality, the figures here presented are similar to or slightly better than those of the previous year.

I wish to bring to your notice, however, the way in which the staff of this department continued their work with increased responsibility during the late Dr. Horsburgh's illness, which I consider to be a matter for congratulation to both, and which I appreciated increasingly as this report was prepared.

I have the honour to remain,

Mr. Chairman and Gentlemen,

G. R. KERSHAW,
Medical Officer of Health.

BEDWORTH URBAN DISTRICT COUNCIL

PUBLIC WORKS COMMITTEE

Chairman :

Mr. Councillor F. L. PERKINS

Vice-Chairman :

Mr. Councillor W. L. SHORTRIDGE

Chairman of the Council :

(Mr. Councillor A. BUTLER, J.P.)

„ „ F. BENN, J.P.

„ „ W. V. ELSON

„ „ A. E. DEWIS

„ „ T. BATES

„ „ J. T. GALLAGHER

„ „ H. KNIGHT

„ „ F. H. HOPKINS

„ „ T. BUCKNALL

„ „ J. FLETCHER

STAFF OF PUBLIC HEALTH DEPARTMENT

Medical Officer of Health :

*† P. G. HORSBURGH, G.M., M.R.C.S., L.R.C.P., D.P.H.

Sanitary Inspector, Meat and Other Foods Inspector,
Cleaving Superintendent :

†† CHARLES E. DEAKIN, C.R.S.I., M.S.I.A.,
Cert. Meat and Other Foods.

Additional Sanitary Inspector :

†† HENRY BURRIS, C.R.S.I., M.S.I.A.

Clerk :

† Miss F. LEACH

Clerk of the Council :

† MAURICE ARMSON, F.C.R.A.

Engineer and Surveyor :

† D. BLENKINSOP, A.M.I.M.E.

Water Works and Sewage Works Manager :

† C. S. B. COOPER

* Part-time Appointment.

† Full-time Appointment.

† Salary Contribution by Exchequer Grants.

VITAL STATISTICS

Area of the District	7,913 acres
Population (Registrar-General's Estimate of Resident Population—mid-year, 1949)	24,040
Number of Inhabited Houses at the end of 1949 (according to Rate Books)	6,656
Rateable Value	£100,853
General Rate	18s. 10d.
Sum represented by a Penny Rate (Estimated 1949-1950)	£404

		Total	Male	Female		
LIVE BIRTHS	{ Legitimate	448	222	226	BIRTH RATE	{ 19·135
	{ Illegitimate	12	4	8		
STILL-BIRTHS	{ Legitimate	8	4	4	STILL-BIRTH RATE	{ 0·3743
	{ Illegitimate	1	—	1		
DEATHS		202	118	84	DEATH RATE	{ 8·403

DEATHS OF INFANTS UNDER ONE YEAR	{ Legitimate	18
	{ Illegitimate	—
	{ Total	18

Infantile Mortality Rate (per 1,000 live births) .. 39·130

Number of women dying in, or in consequence of, childbirth	{ From Sepsis	—
	{ From other causes	—

Deaths from Measles (all ages) —

„ „ Whooping Cough 1

„ „ Diarrhoea (under 2 years) 1

CAUSES OF DEATH, 1949

CAUSES OF DEATH	Males	Females	Total
All causes	118	84	202
Typhoid and Paratyphoid Fever ..	—	—	—
Cerebro Spinal Fever	—	—	—
Scarlet Fever	—	—	—
Whooping Cough.. .. .	—	1	1
Diphtheria	—	—	—
Tuberculosis—Respiratory system ..	9	4	13
Tuberculosis—Other Forms	1	1	2
Syphilitic Diseases	—	—	—
Influenza	1	1	2
Measles	—	—	—
Ac : Poliomyelitis and polioencephalitis	—	—	—
Ac : Inf. Encephalitis	—	—	—
Cancer of Buccal Cavity and Oesophagus	1	—	1
Cancer of Uterus	—	1	1
Cancer of Stomach and Duodenum ..	3	—	3
Cancer of Breast	—	6	6
Cancer of all other sites	12	4	16
Diabetes	3	2	5
Intracranial Vascular Lesions	10	9	19
Heart Disease	32	27	59
Other diseases of circulatory system ..	4	2	6
Bronchitis.. .. .	11	2	13
Pneumonia	7	6	13
Other Respiratory Diseases	—	2	2
Ulcer of Stomach or Duodenum	2	—	2
Diarrhoea, under 2 years	1	—	1
Appendicitis	—	2	2
Other Digestive Diseases	2	1	3
Nephritis	—	1	1
Puerperal and Post-abortive Sepsis ..	—	—	—
Other Maternal Causes	—	—	—
Premature Birth	1	—	1
Congenital Malformation, birth injuries ; infantile diseases	7	3	10
Suicide	1	1	2
Road Traffic accidents	1	—	1
Other Violent Causes	7	2	9
All Other Causes	2	6	8

INFANTILE MORTALITY

ANALYSIS OF INFANT DEATHS, 1949

Causes of Death	under 1 week	1-2 wks	2-3 wks	3-4 wks	Total under 4 wks	1-3 mths	3-6 mths	6-9 mths	9-12 mths	Total under 1 yr
Prematurity ..	1	—	—	—	1	—	—	—	—	1
Congenital defects Birth injuries .. Infantile diseases	7	1	1	—	9	1	—	—	—	10
Whooping Cough	—	—	—	—	—	1	—	—	—	1
Pneumonia ..	—	—	—	1	1	3	1	—	—	5
Gastro Enteritis	—	—	—	—	—	—	1	—	—	1
Totals ..	8	1	1	1	11	5	2	—	—	18

INFANT DEATHS—WARD

Ward	Males	Females	Total
Bedworth East ..	3	3	6
„ West ..	1	—	1
„ North ..	2	2	4
Exhall East ..	2	—	2
„ West ..	1	1	2
Bulkington ..	3	—	3
	12	6	18

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

Infectious Diseases.—Cases of Infectious Diseases occurring in the Urban District of Bedworth are received into the Isolation Hospitals at Coventry and Nuneaton, if necessary.

Small-pox.—Cases of Small-pox occurring in the Urban District of Bedworth are received into the Pinley Small-pox Hospital, Coventry.

Tuberculosis.—The King Edward Memorial Sanatorium, Hertford Hill, is available to patients residing in the Bedworth Urban District.

Maternity.—No Hospital is provided, but private and urgent cases are taken into the Group 20 Hospitals at Coventry and Nuneaton.

General.—The Bedworth Urban District is served by the Hospital Management Committee, Group 20, Coventry and Warwickshire Hospital.

Orthopaedic.—Patients from the Bedworth Urban District can be sent for consultation and treatment to the Orthopaedic Clinic, "Dunsmore," Holyhead Road, Coventry.

AMBULANCE FACILITIES

The County Council is the responsible authority for the Ambulance Services within the Urban District. During the day Ambulances are available from the Depot at Newtown Road, Bedworth, and at night from the Depot at Riversley Park, Nuneaton.

LABORATORY WORK

Specimens of sputum, throat and nasal discharge, etc., are forwarded to the Public Health Laboratory Service, Coventry, for examination, the result being communicated to the Medical Officer of Health and to the medical practitioner sending the specimen. Outfits for taking these specimens are supplied by the Pathological Department. In urgent cases outfits can be supplied on application to the Medical Officer of Health.

CLINIC AND TREATMENT CENTRES

Maternity and Child Welfare.—The Maternity and Child Welfare Clinic is situated in Saunders Avenue, Bedworth. The work of this clinic is supervised by a voluntary committee and, in addition, services are provided by the County Council. A school clinic is also maintained at this centre by the County Council.

Tuberculosis.—Patients attend dispensaries at Coventry and Nuneaton for treatment provided by the Coventry and Warwickshire Joint Committee for Tuberculosis.

Veneral Disease. Free treatment is provided at the Coventry and Warwickshire Hospital, Coventry.

Professional Nursing in the Home.

(a) General. One voluntary Nursing Association.

(b) Infectious Diseases—Nil.

Midwives.—There are 4 midwives practising in the Urban District, none of whom is subsidised by the Council.

CLINICS

Service	Situation of Premises	Days Open	Authority Responsible
Maternity and Child Welfare :			
Welfare Centres	Child Welfare Centre Premises, Saunders Avenue Bedworth	Mondays and Thursdays, 2 to 4 p.m.	Warwickshire County Council
	Cricket Pavilion, Bulkington.	Wednesdays, 2 to 4 p.m.	Ditto
Ante-Natal Clinic	Child Welfare Centre Premises, Saunders Avenue Bedworth.	Alternate Wednesdays, 10 a.m. to 12 noon and 2 to 4 p.m.	Ditto
School Medical Service :			
Treatment and Inspection Clinic	Ditto	Mondays and Thursdays, 10 to 12 noon	Ditto
	Ditto		
Eye Clinic	Ditto	Fridays, 9-30 to 12 noon	Ditto
Dental Clinic	Ditto	Alternate Tuesdays, 10 to 12 noon, 2 to 4 p.m.	Ditto

WATER SUPPLY

The Water Supply of Bedworth is constant, and is obtained as follows :—

(a) *Three sources at the Newdigate Colliery, in the West Ward of the District.*

(i) From an adit in the Frank Shaft, 270 ft. below ground surface.

(ii) From a 10-in. borehole, 218 ft. deep.

(iii) From a 12-in. borehole, 220 ft. deep. (Not in use).

The total quantity of water from these sources for 1949 was 82,601,000 gallons.

(b) *20-in. Borehole, Bedworth Waterworks.*

The borehole is 20-in. in diameter and 275-ft. deep.

The yield for 1949 was 40,150,000 gallons.

(c) *Exhall Deep Well.*

This well is 9-ft. in diameter, and approximately 260—300-ft. deep. The yield from this well during the year was

22,433,000 gallons.

(d) *Coventry Corporation.*

This is used as a Supplementary Supply, and is only drawn upon when necessary. The quantity obtained from this source during the year was

22,632,000 gallons.

All this water is pumped into a storage reservoir at the Waterworks. The reservoir has a storage capacity of 750,000 galls., which is normally a 1·457 days' supply for the town. The water is pumped from a reservoir to the Water Tower, from which it is distributed throughout the town after chlorination.

(e) *Bulkington.*

This supply is obtained from an 8-in. borehole, which is 270-ft. deep. The yield during the year was

9,640,000 gallons.

Total from all sources

178,456,000 gallons.

The Exhall East and West Wards are in the Water Supply district of the City of Coventry, and are supplied by that Corporation.

The rural portions of the District obtain their supply from shallow wells, of which there are approximately 14, which are included in wells used for domestic supply.

As a result of the above, it is considered that the Water Supply of the area has been satisfactory. The Water Supply is considered to be satisfactory in quality, 47 samples having been taken during the year and submitted for analysis; and chemical and bacteriological analyses are shewn elsewhere in this Report.

The average daily consumption of water in the District during 1949 was :—

Domestic	394,303	gallons
Trade	32,115	„
Bramcote	60,927	„
Barnacle and Shilton, for Rugby R.D.C. ..	1,575	„
TOTAL	488,920	„

The maximum consumption of water in any one day for all sources was 538,000 gallons

Population of Statutory Area	20,412
Population supplied into Houses	18,672
Population supplied by standpipes	1,526
Total population directly supplied	20,198
Population without piped supply	214
Total hereditaments supplied	6,656
Houses with standpipes	429
Standpipes	149
Wells used for domestic supply	62

No. of samples of Town's water submitted for analysis :—47.

	<i>Raw Water.</i>	<i>Treated Water.</i>
(a) Chemical	14	3
(b) Bacteriological	21	9

Total No. of samples from all other sources submitted for analysis :—17.

	<i>Raw Water.</i>	
	<i>Chemical.</i>	<i>Bacteriological.</i>
(a) Wells	—	15
(b) Ditch	—	1
(c) Coventry Main	—	1

The latest Chemical and Bacteriological analyses are as follows :—

CHEMICAL

Results expressed in parts per 100,000.

SOURCE	Free and Saline Ammonia	Albu- minoid Ammonia	Chlorine in Chlorides	Nitrogen in Nitrates and Nitrites	Oxygen absorbed from Permanganate dried at 80°F. in 4 hours.	Total Solids dried at 100°C.	Nitrite	Free Chlorine	pH	Appearance	Plumbo- Solvency Iron
Newdigate Colliery No. 1.	0	0	7.3	0.20	0.002	44	Absent	—	7.8	Bright, few small particles.	0.1
Newdigate Colliery No. 2.	0.0007	0	8.2	0.20	0.015	61	Absent	—	7.5	Bright, few small particles.	0.1
20" Borehole Bedworth Waterworks.	0.0130	0	7.5	Absent	0.018	86	Absent	—	7.3	Bright, many small particles.	0.5
Exhall Well	0.0200	0.0030	18.95	1.2	0.026	123	Absent	—	7.2	Very slightly brownish colour, many small particles.	0.30
Bulkington Borehole	0.0085	0	9.05	0.10	0.029	60	Minute Trace	—	7.8	Bright, many small particles.	0.25
Bulk Supply	0.0045	0.0030	8.3	0.11	0.021	82	Absent	—	7.6	Bright, many small particles.	0.3

BACTERIOLOGICAL

SOURCE	No. of colonies capable of growth on Agar-Agar in 2 days at 37°C. per c.c.	No. of colonies capable of growth on Reibel-Agar in 2 days at 37°C. per c.c.	No. of colonies capable of growth on Agar-Agar in 4 days at 20° C. per c.c.	Presumptive B. Coli in 100 c.c.	Sub-cultures.
Newdigate Colliery No. 1 ..	2	0	3	Absent	—
Newdigate Colliery No. 2 ..	6	0	7	Absent	—
20" Borehole, Bedworth Waterworks	2	0	3	Absent	—
Exhall Well ..	3	0	4	Absent	—
Bulkington Borehole ..	3	0	16	Absent	—
Bulk Supply ..	0	0	1	Absent	—

FACTORIES, WORKSHOPS AND WORKPLACES

1.—Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspector

PREMISES	Number of		
	Inspections	Written Notice	Occupiers prosecuted
Factories (including Factory Laundries)	30	—	—
Workshops (including Workshop Laundries)	—	—	—
Workplaces (other than Outworker's premises)	—	—	—
TOTAL ..	30	—	—

2.—Defects found in Factories, Workshops and Workplaces.

PARTICULARS	Number of Defects			Number of offences in respect to which Prosecutions were instituted
	Found	Remedied	Referred to H.M. Inspector	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	—	—	—	—
Want of Ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors ..	—	—	—	—
Other Nuisances	—	—	—	—
Sanitary Accommodation :				
Insufficient	2	2	—	—
Unsuitable or defective ..	—	—	—	—
Not separate for sexes ..	—	—	—	—
TOTAL ..	2	2	—	—

* Including those specified in sections 2, 3, 7 and 8 of the Factory and Workshop Act, 1901, as remediable under the Public Health Acts.

INSPECTIONS BY SANITARY INSPECTOR, 1949.

To Dwelling Houses.

Disinfections after infectious disease (rooms)	..	..	74
Disinfections for vermin (rooms)	..	..	34
Re infectious diseases	..	..	45
For drain testing	..	..	16
Inspections under Housing Acts	..	..	36
Re Inspections under Housing Acts	..	..	72

To Other Premises.

Factories and Workshops	..	..	30
Shops Inspected	..	..	151

To Food Preparing Places.

Fried Fish Shops	..	..	34
Dairies, Milkshops and Cowsheds	..	..	75
Bakehouses	..	..	17
Butchers' Shops, Stalls, and Vans	..	..	83
Ice Cream Premises	..	..	80

NUISANCES ABATED

Dwelling Houses.

Defective walls and ceilings repaired	..	..	54
Roofs repaired	..	..	37
Stairs repaired	..	..	3
Spouting repaired or new provided	..	..	25
Defective floors repaired or renewed	..	..	32
Fireplaces repaired or rebuilt	..	..	7
Coppers repaired or rebuilt	..	..	5
Yard paving repaired	..	..	4
Windows renewed or repaired	..	..	43
New sinks provided	..	..	22
Defective pointing repaired	..	..	29

Drainage, etc.

Drainage cleared from obstruction	..	..	48
Drainage inspection chambers provided or repaired	..	..	12
Ventilating shafts improved	..	..	3
Defective drains relaid	..	..	6

Closet Accommodation.

Water closet cisterns repaired or renewed	..	..	31
Insufficient, repaired or renewed	..	..	66

Domestic Refuse.

Dustbins provided	76
-------------------	----	----	----

Factories and Workshops.

Unsuitable sanitary accommodation improved..	2
--	----	----	---

MILK SUPPLY

Premises in which cows are kept	38
Number of milk retailers, other than producers resident in district	54

HOUSING**(a) Statistics**

Number of new houses erected during the year :—

(a) By the Local Authority	76
(b) By private enterprise	19

Houses demolished during the year were as follows :—

Individual unfit houses	Nil
Houses included in clearance areas	Nil

DISINFECTIONS

The disinfection of all premises, houses, bedding, etc., is carried out by the Sanitary Inspector after cases of infectious diseases. Steam disinfection is available for bulky goods, such as bedding, etc. Spraying or fumigation with Formalin is the method employed in houses.

Number of rooms	108
-------------------------	-----

PETROLEUM (REGULATION) ACTS, 1928 & 1936**EXTRACT FROM REGISTER**

Premises licensed for storage of Petroleum	31
Premises licensed for storage of Petroleum Mixtures	7
Total storage capacity of Petroleum Tanks	35,660 gallons
Total storage capacity of Petroleum Mixtures	
Containers	5,370 gallons

FOOD CONDEMNED DURING 1949.

DETAIL	Weight		
	Cwts.	Qrs.	lbs.
2 pigs heads		1	4
2 sets pigs offals		1	2
23 tins of meat		1	18½
213 tins and jars of jam, fruit, milk, vegetables, fish, etc.	2	2	1½
Bacon		1	14¾
Cheese		1	24
Sausages		1	—
Rabbits		2	15
Fish	1	1	—
Celery	3	—	—
Bananas	2	3	21
Mushrooms			7½
Black Puddings			26
TOTAL WEIGHT	12	2	22¼

SALVAGE

	<i>Tons</i>	<i>Cwts.</i>	<i>Qrs.</i>
Waste Paper	31	16	—
Ferrous Metal	12	3	—
Bottles and Cullet	3	—	—

INFECTIOUS DISEASES—WARDS

DISEASE	W A R D						Total
	Bedworth E.	Bedworth W.	Bedworth N.	Exhall E.	Exhall W.	Bulkington	
Scarlet Fever ..	11	15	10	5	1	1	43
Cerebro Spinal Fever	—	1	—	—	—	—	1
Erysipelas	3	2	1	—	—	1	7
Measles	8	12	9	10	8	3	50
Whooping Cough ..	27	54	65	12	6	8	172
Pneumonia ..	4	8	8	1	—	3	24
Puerperal Pyrexia..	—	1	—	—	—	—	1

TUBERCULOSIS

NEW CASES AND MORTALITY, 1949.

NEW CASES				DEATHS			
Age Period				Pulmonary		Non-Pulmonary	
				M.	F.	M.	F.
0- 1	..	..	—	—	—	—	—
1- 5	..	..	—	—	—	—	—
5-10	..	..	—	3	—	—	—
10-15	..	..	—	1	—	—	—
15-20	..	..	—	4	1	1	—
20-25	..	..	3	1	—	1	—
25-35	..	..	4	4	1	2	1
35-45	..	..	2	3	1	3	—
45-55	..	..	2	1	1	2	1
55-65	..	..	1	1	—	1	—
65 over	..	..	—	—	—	1	—
TOTALS ..				12	18	3	2

ISOLATION HOSPITALS

CASES ADMITTED TO HOSPITAL, 1949.

DISEASE	NUNEATON		COVENTRY		Total	
	M.	F.	M.	F.	M.	F.
Scarlet Fever	8	13	1	4	9	17
Puerperal Pyrexia	—	—	—	1	—	1
	8	13	1	5	9	18

FOOD POISONING

Total number of outbreaks	Number of cases	Number of deaths	Organisms or other agents responsible with number of outbreaks of each	Foods involved with num- ber of outbreaks of each
—	—	—	—	—

