

[Report 1948] / Medical Officer of Health, Worthing Borough.

Contributors

Worthing (England). Borough Council.

Publication/Creation

1948

Persistent URL

<https://wellcomecollection.org/works/yvcxgsw2>

License and attribution

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
<https://wellcomecollection.org>

LIBRARY

Borough of Worthing



ANNUAL REPORT

on the

HEALTH

of

WORTHING

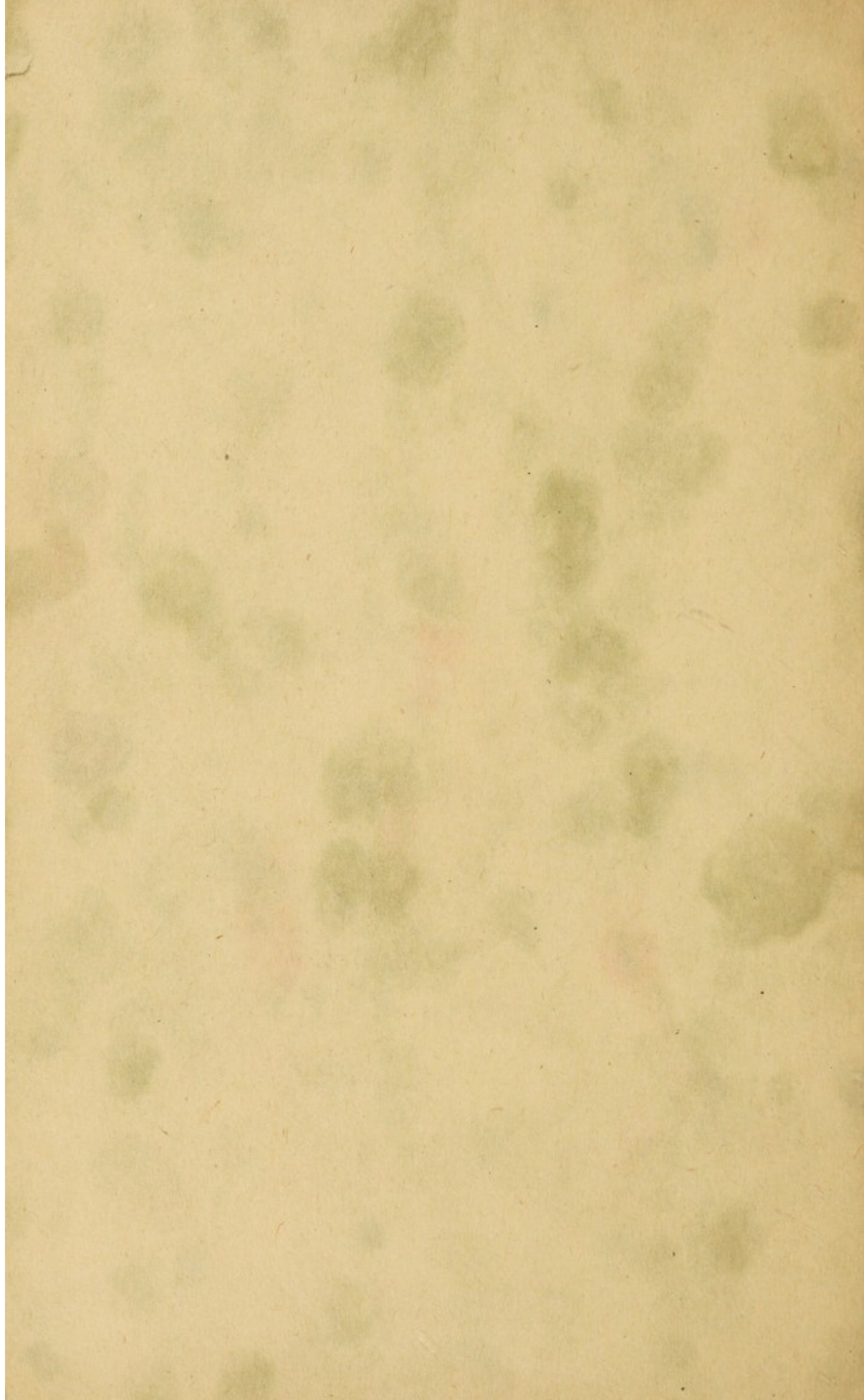
and

Meteorological Observations

for the Year

1948

G. H. PRINGLE,
M.R.C.S., L.R.C.P., D.P.H.,
Medical Officer of Health.



Health Department,
Worthing Lodge,
Stoke Abbott Road,
Worthing.
July, 1949.

*To His Worship the Mayor, Aldermen and Councillors of the
Borough of Worthing.*

MR. MAYOR, LADIES AND GENTLEMEN,

I present herewith my second Annual Report on the Health of Worthing, together with the Meteorological Observations.

As far as can be judged from a study of the vital statistics, the general standard of health of the town remains satisfactory. The exceptionally low infantile mortality rate of 24 is the third lowest rate on record since statistics have been kept in Worthing. The incidence of infectious diseases was also extremely low, although this may to some extent be explained by the tendency towards a biennial incidence of certain diseases.

National Health Service Act, 1946. On July 5th, 1948, many of the personal health service functions formerly administered by the Borough Council were transferred to other bodies.

Swandean Isolation Hospital became the responsibility of the South West Metropolitan Regional Hospital Board, and is now administered through the local Hospital Management Committee. The present arrangement by which the Medical Officer of Health and his Deputy continue their former duties at this hospital is to be commended, as it enables your Medical Officers, who have responsibilities to the Borough Council in connection with infectious disease control, to maintain their specialised clinical interest in this work.

Child welfare, health visiting, and the domestic help service became the responsibility of the West Sussex County Council, and the day-to-day administration of these services, together with the additional functions of the Local Health Authority under Part III

of the Act, have been delegated to the Worthing Health Subcommittee of the County Health Committee.

These administrative changes which took place in the middle of the year might have made the preparation of this report extremely complex, but with the concurrence of the County Medical Officer of Health I have not separated statistics of work carried out before July 5th, when the Borough Council was responsible for the services, from that carried out after that date when the responsibility had been transferred to the Local Health Authority.

I should like to take this opportunity of thanking all who have assisted the Health Department in a voluntary capacity either at clinics or in other branches of the work. The need and, in fact, the desirability of maintaining the voluntary spirit in personal health services is just as great as it was prior to July 5th, 1948.

I should also like to record my appreciation of the loyal assistance I have received from the entire staff of the Health Department, and to thank the Chairman and members of the Health Committee for their helpful support during a difficult year.

I am,

Mr. Mayor, Ladies and Gentlemen,

Your obedient servant,

G. H. PRINGLE,

Medical Officer of Health.

GENERAL STATISTICS.

Area of Municipal Borough, including foreshore ...	acres 8,635
Rateable Value (1.4.48)	£973,144
Sum Represented by a Penny Rate, 1947-48 ...	£4,092 18s. 2d.
Population—(a) Census, 1931	46,230
(b) Registrar-General's estimate, mid-year 1948 (Civilians only) ...	67,520
Number of Inhabited houses (1.4.48) ...	(Estimated) 21,828

Registered Live Births—

	Total	M.	F.
Legitimate ...	772	407	365
Illegitimate ...	69	35	34
	841	442	399

Birth rate per 1,000 estimated population ... 12.8

	Total	M.	F.
Still-Births—Legitimate ...	18	10	8
Illegitimate ...	2	1	1
	20	11	9

Still-Birth rate per 1,000 (live and still) births ... 23.2

	Total	M.	F.
Deaths	1,103	474	629

Death rate per 1,000 estimated population ... 16.3

Maternal Deaths Nil

Deaths from Cancer	...	...	...	...	...	183
Deaths from Scarlet Fever	...	...	...	...	...	—
Deaths from Measles	...	...	...	...	...	—
Deaths from Diphtheria	...	...	...	...	...	—
Deaths from Whooping Cough	...	...	...	...	...	—
Deaths from Enteric Fever	...	...	...	...	...	—
Deaths from Diarrhoea (under 2 years)	...	...	...	...	...	—
Zymotic Death Rate	...	...	...	...	...	—
Deaths of Infants under 1 year of age—						
All Infants	... 20	Rate per 1,000 live births	...	...	...	24
Legitimate Infants	18	Rate per 1,000 leg. live births	...	...	...	23
Illegitimate Infants	2	Rate per 1,000 illeg. live births	...	...	...	29
Mean Annual Temperature	...	...	...	...	...	52.1°
Total Rainfall, 1948	...	...	...	...	...	25.23 inches
Hours of Bright Sunshine	...	...	...	...	...	1916.9 hours

**BIRTH RATES, CIVILIAN DEATH RATES, ANALYSIS OF MORTALITY,
MATERNAL MORTALITY, AND CASE RATES FOR CERTAIN
INFECTIOUS DISEASES IN THE YEAR 1948.**

(Provisional figures based on Quarterly Returns).

	England and Wales	126 County Boroughs and Great Towns, including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 1931 Census)	London Adminis- trative County.	Worthing.
Rates per 1,000 Civilian Population.					
Births :					
Live	17.9*	20.0	19.2	20.1	12.5
Still	0.42*	0.52	0.43	0.39	0.30
Deaths :					
All causes ...	10.8*	11.6	10.7	11.6	16.3
Typhoid and Para-Typhoid					
Fevers ...	0.00	0.00	0.00	0.00	—
Smallpox ...	—	—	—	—	—
Pneumonia ...	0.41	0.38	0.36	0.54	0.43
Tuberculosis ...	0.51	0.59	0.46	0.63	0.34
Whooping Cough	0.02	0.02	0.02	0.01	—
Diphtheria ...	0.00	0.00	0.00	0.01	—
Influenza ...	0.03	0.03	0.04	0.02	0.10
Acute Poliomyelitis & Polioencephalitis	0.01	0.01	0.01	0.00	0.01
Notifications (corrected):					
Typhoid Fever	0.01	0.00	0.01	0.00	—
Paratyphoid Fever ...	0.01	0.01	0.01	0.01	—
Cerebro Spinal Fever ...	0.03	0.03	0.02	0.03	0.01
Scarlet Fever ...	1.73	1.90	1.82	1.37	0.64
Whooping Cough	3.42	3.51	3.31	3.13	1.36
Diphtheria ...	0.08	0.10	0.09	0.10	—
Erysipelas ...	0.21	0.23	0.21	0.22	0.19
Smallpox ...	—	—	—	—	—
Measles ...	9.34	9.75	8.84	9.17	1.97
Pneumonia ...	0.73	0.84	0.60	0.57	0.22
Acute Poliomyelitis ...	0.04	0.05	0.04	0.04	—
Acute Polioencephalitis	0.00	0.00	0.00	0.00	—
Rates per 1,000 Live Births.					
Deaths under 1 year of age ...	34†	39	32	31	24
Deaths from Diarrhoea and Enteritis under 2 years of age ...	3.3	4.5	2.1	2.4	—
Rates per 1,000 Total Births (i.e., Live and Still).					
Maternal Mortality :					
Puerperal Infections ...	0.13	Not Available			—
Others ...	0.89				—
Total ...	1.02				—
Notifications :					
Puerperal Fever and Pyrexia ...	6.89	8.90	4.71	7.34	16.26

* Rates per 1,000 total Population.

† Per 1,000 Related Births.

CAUSES OF DEATH, WORTHING, 1948.

	Males	Females
Typhoid and Paratyphoid Fevers ...	—	—
Cerebro-Spinal Fever	—	—
Scarlet Fever	—	—
Whooping Cough	—	—
Diphtheria	—	—
Tuberculosis of Respiratory System ...	8	11
Other Tuberculosis	2	2
Syphilitic Diseases	4	5
Influenza	3	4
Measles	—	—
Acute Polio-myelitis & Polio-encephalitis	1	—
Acute Infectious Encephalitis	2	—
Cancer	80	103
Diabetes	—	3
Intra-cranial Vascular Lesions ...	63	96
Heart Diseases	167	235
Other Diseases of Circulatory System...	13	20
Bronchitis	26	12
Pneumonia	10	19
Other Respiratory Diseases	7	6
Ulcer of Stomach or Duodenum ...	7	4
Diarrhoea and Enteritis under 2 years of age	—	—
Appendicitis	—	1
Other Diseases of the Digestive System	10	18
Nephritis	8	15
Puerperal Sepsis	—	—
Other Maternal Causes	—	—
Premature Birth	4	2
Congenital Malformation, Birth Injury		
Infantile Diseases	5	7
Suicide	2	6
Road Traffic Accidents	2	4
Other violent causes	8	9
All other causes	42	47
	474	629

BOROUGH OF WORTHING. 20 Years Vital Statistics.

Year.	Deaths.														Registrar General's Popu- lation.	
	Births (Live and Still)		All causes.		Infants under 1 year		Maternal Mortality.		Zymotic.		Tuberculosis.		Cancer.			
	No.	Rate*	No.	Rate**	Sepsis.	Other Causes	Rate †	No.	Rate*	No.	Rate*	No.	Rate*			
1929	494	11.9	684	16.5	12	24	—	1	2.02	4	0.10	34	0.82	103	2.49	41,410
30	534	12.6	640	15.1	18	36	—	2	3.75	3	0.07	37	0.87	104	2.46	42,340
31	553	12.5	690	15.6	20	37	2	2	7.23	5	0.11	46	1.04	101	2.28	44,320
32	513	11.0	781	16.8	20	39	4	3	13.64	9	0.20	39	0.84	101	2.17	46,470
33	514	10.6	715	14.7	18	38	2	—	3.89	6	0.12	33	0.68	104	2.14	48,530
34	615	11.9	756	14.7	12	20	—	1	1.63	3	0.06	34	0.66	133	2.58	51,580
35	621	11.5	744	13.8	25	40	1	—	1.61	4	0.07	36	0.67	125	2.32	53,930
36	687	12.4	870	15.7	23	35	—	3	4.36	3	0.05	25	0.45	153	2.75	55,540
37	729	12.4	916	15.6	33	45	—	—	—	2	0.03	42	0.72	138	2.35	58,600
38	712	10.8	917	15.5	20	29	—	1	1.4	4	0.07	31	0.52	151	2.56	59,080
39	763	12.4	1035	15.8	18	23	1	1	2.6	4	0.06	26	0.34	163	2.66	61,210
40	657	9.6	1165	17.1	32	49	—	2	3.0	5	0.07	48	0.70	186	2.73	66,350
41	590	10.1	1044	18.9	22	36	—	1	1.8	3	0.05	39	0.70	161	2.88	55,710
42	724	13.3	1116	20.5	25	35	1	1	2.8	3	0.05	23	0.42	189	3.47	54,500
43	775	14.3	1073	20.4	24	32	—	3	3.9	1	0.01	33	0.63	169	3.22	52,500
44	924	17.1	1037	19.2	40	44	—	2	2.1	10	0.18	23	0.42	177	3.27	54,080
45	811	13.8	1173	20.0	31	39	—	1	1.2	2	0.03	32	0.54	204	3.48	58,620
46	1059	16.3	1223	18.8	50	48	—	—	—	11	0.17	22	0.	196	3.02	64,860
47	1003	15.0	1251	18.7	31	32	—	—	—	4	0.04	26	0	200	3.00	66,750
48	861	12.8	1103	16.3	20	24	—	—	—	—	—	23	0.	183	2.71	67,520

* Per 1,000 Population.

** Per 1,000 Live Births.

† Per 1,000 Total (Live & Still) Births.

POPULATION.

The Civilian Population in June, 1948, as estimated by the Registrar-General was 67,520, an increase of 770 on the corresponding figures for 1947.

BIRTHS.

From figures supplied by the Registrar-General the total number of live births registered as properly belonging to Worthing was 841 (442 males and 399 females). This corresponds to a rate of 12.5 per 1,000 of the population as compared with 14.7 in 1947 and 16.0 in 1946.

Of the live births 69 (8.2 per cent.) were illegitimate.

Twenty still births were registered, 2 of which were illegitimate.

The number of births notified during the year under the Public Health Act, 1936, as occurring in the Borough was 969 including 18 still-births. This total includes a considerable number of non-residents, as the Worthing Hospital Maternity Home and local Nursing Homes cater for a large district around Worthing as well as for the Borough itself.

DEATHS.

The total number of deaths registered in Worthing during 1948 was 1,086 including 166 non-residents. In addition 183 deaths of residents occurred outside the Borough. The number of resident deaths was therefore 1,103 (474 males and 629 females) giving a death rate of 16.3 per 1,000 of the population. The corresponding figures for 1947 and 1946 were 18.7 and 18.8 respectively. The crude death rates are given in each case as the Registrar-General is now unable to supply comparability factors.

The uncorrected death rate in the case of Worthing in which so many elderly people reside, naturally gives a false impression of the health of the district, and the Worthing death rate, therefore, cannot be compared accurately with the death rate in the country generally.

The corrected death rate for England and Wales was 10.8.

The principal causes of death were as follows :—

			No. of deaths.	Percentage of total deaths.
Heart Disease	...	...	402	36.4
Cancer	...	...	183	16.6

INFANTILE MORTALITY.

The number of infantile deaths (under one year of age) was 20 (10 males and 10 females) giving an infant mortality rate of 24 per 1,000 live births compared with 32 in 1947 and 48 in 1946. The corresponding rate for England and Wales for the year under review was 34.

The causes of infant deaths were as follows :—

Premature Births	...	...	...	...	7
Congenital Malformations, Birth Injury, Infantile Disease	...	...	...	...	7
Pneumonia	...	...	...	...	5
All other causes	...	...	...	...	1

MATERNAL MORTALITY.

There were no maternal deaths during the year.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

LABORATORY FACILITIES.

These are quite adequate and efficient.

Pathological specimens are sent to the Laboratory at Worthing Hospital which is an Associated Laboratory of the Public Health Laboratory Service. Specimens can be received at any time, so that results are available with the minimum amount of delay.

PROFESSIONAL NURSING IN THE HOME.

On the 5th July, 1948, the West Sussex County Council became responsible for providing a service of home nursing throughout the County. In Worthing, the nursing personnel of the various District Nursing Associations in the Borough were taken over and, in common with certain other services, placed under the day-to-day supervision of the Worthing Health Sub-Committee. Particulars of the work undertaken by this service during the period 5th July to 31st December, 1948, are as follows :

Professional Nursing in the Home
(Worthing Health Sub-Committee)
for the period 5th July to 31st December.

No. of whole-time home nurses employed by the Local Health Authority at 31st December	9
No. of part-time home nurses employed by the Local Health Authority at 31st December	2
No. of visits paid by home nurses during period	11,963
No. of cases attended by home nurses during period	1,019

DOMESTIC HELP SERVICE.

(Worthing Health Sub-Committee from 5th July).

No. of whole-time domestic helps employed at 31st Dec....	11
No. of part-time domestic helps employed at 31st Dec. ...	14
No. of cases where domestic helps were provided during the year :—Maternity	63
Others	210

CLINICS AND TREATMENT CENTRES.

Number of Attendances at the Ante-Natal Clinics during the year 1948.

1948	Ante-Natal		Post-Natal		Total Attend.
	First Attend.	Subs. Attend.	First Attend.	Subs. Attend.	
January ...	22	74	7	—	103
February ...	24	79	6	—	109
March ...	31	89	7	—	127
April ...	27	73	3	—	103
May ...	21	63	3	—	87
June ...	30	70	14	—	114
July ...	19	53	4	—	76
August ...	13	66	3	—	82
September ...	24	76	1	—	101
October ...	18	58	2	—	78
November ...	22	59	—	—	81
December ...	14	81	—	—	95
Totals ...	265	841	50	—	1156

Attendances at Infant Welfare Centres.

No. of Sessions	...	...	...	...	...	...	168
Total Attendances :—							
Children 0—1 year	...	...	...	...	...	...	6751
Children 1—5 years	...	...	...	...	...	...	2955
No. of children seen by Medical Officers	...	...	...	...	...	...	2980

Other Clinics.

Orthopædic Clinic (children under 5 years).							
Total No. of patients seen by Orthopædic Surgeon	...	...	...	...	...	...	142
No. of new cases seen by Orthopædic Surgeon	...	...	...	...	...	...	58
Total No. of patients treated by Physiotherapist	...	...	...	...	...	...	874
No. of new cases treated by Physiotherapist	...	...	...	...	...	...	71
Ophthalmic Clinic (children under 5 years).							
New Cases	...	...	...	...	...	...	56
Total Attendances	...	...	...	...	...	...	120
Ear, Nose and Throat Clinic (children under 5 years).							
New Cases	...	...	...	...	...	...	48
Total Attendances	...	...	...	...	...	...	89
Dental Clinic.							
No. of Sessions	...	...	...	...	...	...	48
Children under 5 years :—							
New Cases	...	...	...	...	...	...	80
Total Attendances	...	...	...	...	...	...	181
Nursing and Expectant Mothers :—							
New Cases	...	...	...	...	...	...	103
Total Attendances	...	...	...	...	...	...	286
Minor Ailments (children under 5 years).							
Total Attendances	...	...	...	...	...	...	218
New Cases	...	...	...	...	...	...	68

HOME VISITS BY HEALTH VISITORS.

Expectant Mothers : Total Visits	...	...	...	...	...	453
Children under 1 year : First Visits	...	...	...	...	...	857
Other Visits	...	...	...	...	...	3128
Children 1—5 years : Total Visits	...	...	...	...	...	5746
Special Visits :						
Infectious Diseases, etc.	...	...	...	...	...	1903
Infant Life Protection	...	...	...	...	...	548

CLEANSING OF PERSONS.

Total Attendances at Clinic	110
No. of heads cleansed	22
No. of individual cases of Scabies treated during the year...	12

DISTRICT MIDWIFERY SERVICE.

(Worthing Health Sub-Committee)

Period 5th July to 31st December.

No. of Confinements :

Acting as Midwife	63
Acting as Maternity Nurse	40

Administration of gas and air analgesia :

No. of cases (by Midwives)	44
-----------------------------------	----

No. of maternal deaths during the year	Nil
---	-----

Attendances of patients at Midwives' Clinics :

No. of Clinics	13
New Cases	34
Total Attendances	158

Medical Aid :

Medical Aid was sought in 16 of the Midwives' cases.

HOSPITAL PROVISION FOR MATERNITY CASES.

The following table shows the number of cases admitted during the year to maternity hospitals either for medical reasons or on account of the unsuitability of home conditions for domiciliary confinement.

<i>Hospital</i>	<i>No. admitted</i>
Worthing Maternity Home	63
Southlands Hospital, Shoreham	60
Alwyne Nursing Home, Brougham Road	53
Concord Nursing Home, Downview Road... ..	60
Sussex Maternity Hospital, Brighton	2

CARE OF ILLEGITIMATE CHILDREN.

In accordance with Circular 2866 of the Ministry of Health, special attention was given by the Health Visitors to the illegitimate children residing in the Borough.

During the year 69 illegitimate live births were registered to Worthing residents.

The Welfare Superintendent of St. Monica's Welfare Centre, Worthing, a local organisation run under the auspices of the Chichester Diocesan Moral Welfare Society, did very useful work in assisting illegitimate children. The Superintendent worked in complete co-operation with the Health Visitors. The Borough Council made an annual grant of £100 towards the work until the 5th July, 1948.

In a number of cases, the mother expressed a wish to retain her illegitimate child; this procedure is encouraged. In cases where adoption is considered desirable, arrangements have been made with the assistance of the Moral Welfare Superintendent or through the appropriate Adoption Society.

Pending the establishment of the Children's Department and the appointment of Children's Visitors at the end of the year, the Health Department continued to carry out its functions in connection with "deprived children."

CARE OF PREMATURE INFANTS.

A premature infant is defined as one weighing less than 5½lbs. at birth.

Special arrangements for the care of premature infants in their own homes are made within the Midwifery and Health Visiting Services, and infants who cannot be cared for at home are admitted to hospital.

Premature infants born in hospitals are notified to the Department on discharge and are kept under supervision by the Health Visitors and invited to attend the Welfare Centres.

Premature births which occurred during the year are analysed below :

(a) No. of premature babies notified during the year whose mothers normally resided in the Borough...	58
(b) Total No. of premature babies notified during the year who were born	
(i) at home	7
(ii) in hospitals or nursing homes	51
(c) No. of those born at home who were nursed entirely at home	7
(d) No. of those born at home who	
(i) died during the first 24 hours	—
(ii) survived at the end of 1 month	7
(e) No. of those born in nursing homes and hospitals who	
(i) died during the first 24 hours	7
(ii) survived at the end of 1 month	43

WATER SUPPLIES.

The water supply undertaking is owned and managed by the Borough Council.

The following information regarding the water supply has been supplied by Mr. H. A. Leader, Assoc.M.Inst.C.E., Assoc.M.Inst.W.E., Borough Water Engineer.

1. The water supply of the statutory area has been very satisfactory in both quality and quantity throughout the past year.
2. Bacteriological examinations are made once a fortnight of both the raw and chlorinated water.
3. The water has no plumbo-solvent action.
4. No contamination of supplies has been reported.
5. The population supplied during the year ended December, 1948, was 71,000, all supplies being direct to the houses and no standpipes being used.

In addition, water is supplied in bulk to the Rural District Council, and is re-distributed by this Authority to a population of 12,500.

THE CLINICAL RESEARCH ASSOCIATION LIMITED.

Watergate House, York Buildings,
London, W.C.2.

Laboratory Report No. 22083.

CHEMICAL WATER REPORT.

The sample of water marked 48" Bore, BROADWATER PUMPING STATION, received here on 27.4.48, has been chemically examined, and I have been instructed to forward the following report :—

ANALYSIS (B)			Parts per 100,000	Grains per Gallon
Total solids (dried at 180°C)	...	...	33.0	23.1
Combined chlorine (Cl)	...	...	2.6	1.8
equivalent to Sodium Chloride (Na Cl)			4.3	3.0
Nitric nitrogen (Nitrates)	...	...	0.70	0.49
Nitrous nitrogen (Nitrites)	...	...	Nil	Nil
Ammoniacal nitrogen	...	...	Nil	Nil
Albuminoid nitrogen	...	...	0.0007	0.0005
Oxygen absorbed in 4 hours at 27°C	...	...	0.005	0.004
Lead or Copper	...	...	Nil	Nil
Temporary hardness (equivalent to Ca CO ₃)			20.0	14.0
Permanent hardness (" ")			6.0	4.2
Total hardness (" ")			26.0	18.2

The Hydrogen Ion Concentration is found to be pH 7.35.

The chemical results are quite satisfactory and the water is safe for drinking purposes.

R. S. RALPH, M.R.C.S., D.P.H.,
Laboratory Director.

THE CLINICAL RESEARCH ASSOCIATION LIMITED.

Watergate House, York Buildings,
London, W.C.2.

Laboratory Report No. 24222.

CHEMICAL WATER REPORT.

The sample of water marked 48" Bore, PATCHING PUMP-
ING STATION, received here on 23.11.48—4.45 p.m., has been
chemically examined, and I have been instructed to forward the
following report:—

ANALYSIS (B)	Parts per 100,000	Grains per Gallon
Total solids (dried at 180°C)	33.0	23.1
Combined chlorine (Cl)	2.2	1.5
equivalent to Sodium Chloride (Na Cl) ...	3.6	2.5
Nitric nitrogen (Nitrates)	0.58	0.41
Nitrous nitrogen (Nitrites)	Nil	Nil
Ammoniacal nitrogen	Nil	Nil
Albuminoid nitrogen	0.0002	0.0001
Oxygen absorbed in 4 hours at 27°C ...	0.005	0.004
Lead or Copper	Nil	Nil
Temporary hardness (equivalent to Ca CO ₃)	21.0	14.7
Permanent hardness (" ")	5.0	3.5
Total hardness (" ")	26.0	18.2

The Hydrogen Ion Concentration is found to be pH 7.3.

The above results show this water to be of excellent quality
and quite safe for drinking purposes.

R. S. RALPH, M.R.C.S., D.P.H.,
Laboratory Director.

WORTHING CORPORATION WATER DEPARTMENT.
BACTERIOLOGICAL WATER ANALYSIS.

Report No. W.53.

Sample of water marked BROADWATER PUMPING STATION, 48" Bore received 27.4.48.

Average number of organisms producing visible colonies on agar plates at 20°—22°C. for	
3 days	 1 per millilitre
At 37°C. for 2 days	 4 per millilitre
Fæcal B. Coli	... Absent in 100 c.c.
Probable number of coliform bacilli present...	Nil
Streptococci	... Absent in 100 c.c.
Cl. welchii (Spores)	... " "
Hydrogen-Ion concentration	... 7.4 pH

Remarks and Conclusion :

Satisfactory.

C. J. HARWOOD LITTLE, M.B., Ch.B.,
Pathologist,
Worthing Hospital.

WORTHING CORPORATION WATER DEPARTMENT.
BACTERIOLOGICAL WATER ANALYSIS.

Report No. W.133.

Sample of water marked PATCHING PUMPING STATION, 48" Bore, received 23.11.48.

Average number of organisms producing visible colonies on agar plates at 20°—22°C. for	
3 days	 Nil per millilitre
At 37°C. for 2 days	 Nil per millilitre
Fæcal B. Coli	... Absent in 100 c.c.
Probable number of coliform bacilli present...	Nil
Streptococci	... Absent in 100 c.c.
Cl. welchii (Spores)	... Not isolated from 1 ml. water
Hydrogen-Ion concentration	... 7.2 pH

Remarks and Conclusion :

Satisfactory.

C. J. HARWOOD LITTLE, M.B., Ch.B.,
Pathologist,
Worthing Hospital.

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

The number of cases of Infectious Diseases (other than Tuberculosis) originally notified during the year, with the final numbers after corrections subsequently made either by the notifying Medical Practitioner or at the Infectious Diseases Hospital, were as follows :—

	Originally notified	Corrected
Cerebro-spinal Fever	1	1
Dysentery	2	2
Erysipelas	13	13
Malaria (believed contracted abroad)	1	1
Measles	133	133
Ophthalmia Neonatorum	2	2
Pneumonia	15	15
Puerperal Pyrexia	14	14
Scarlet Fever	44	43
Whooping Cough	92	92

Scarlet Fever.

The number of confirmed cases notified during the year was 43, compared with 21 in the previous year. The number of cases removed to hospital was 10. There were no deaths.

Diphtheria.

There were no cases notified during the year.

SWANDEAN ISOLATION HOSPITAL.

(South West Metropolitan Regional Hospital Board—from
5th July).

During the year 133 cases were admitted and 134 discharged ; in addition 23 cases of pulmonary tuberculosis were taken in under the arrangements which existed between the Borough Council and the West Sussex County Council.

The following table gives details of the infectious cases admitted from the Borough of Worthing and from other Local Authorities during the year :—

Scarlet Fever	53
Measles	22
Diphtheria	12
Cerebro-spinal Meningitis	5
Whooping Cough	3
Erysipelas	5
Paratyphoid Fever	1
Acute Poliomyelitis	11
Broncho-pneumonia	1

Chicken Pox	...	...	...	...	...	...	3
Tonsillitis	...	...	...	...	...	...	5
Mumps	...	...	...	...	...	...	2
Others	...	...	...	...	...	...	10
							133

DIPHTHERIA IMMUNISATION, 1948.

Number of clinics held	...	...	...	...	...	72
Total number of attendances	...	...	...	...	...	2385
Number of children who completed course during year	...	...	...	...	...	753
Immunisation by general practitioners: number of record cards received (July 5th—December 31st)	...	...	...	...	...	91
Total number immunised	...	...	...	...	...	844
Number of children given re-inforcing injection during year	...	...	...	...	...	956

Number of children who had completed a full course of
Immunisation any time up to 31st December, 1948.
(According to Health Department Records).

Age at 31.12.48	Under 1 yr.	1 yr.	2 yrs.	3 yrs.	4 yrs.	5-9 yrs.	10-14 yrs.	Total under 15
No. Immunised	55	564	545	422	514	2067	2119	6286
Estimated mid-year population, 1948	4148					7039		11187

Under 5 years Between 5 and 15 years

Estimated percentage of the child population immunised at 31st December, 1948	...	50.6%	59.4%
(a) Number of cases of diphtheria in children under 15 years of age notified during the year	...	...	—
(b) Number of cases included in (a) in which the child is known to have completed the course of immunisation not less than 12 weeks before the onset of the disease	...	...	—
(c) Number of deaths from diphtheria registered in the Authority's area during the year, of children under 15 years of age...	...	...	—
(d) Number of deaths included in (c) in which the child is known to have completed the course of immunisation not less than 12 weeks before the onset of the disease	...	...	...

VACCINATION

(Worthing Health Sub-Committee, 5th July to 31st Dec. 1948).

	Under 1 year	1-4 years	5-14 years	15 years and over	Total
Primary vaccination	58	6	8	7	79
Re-vaccination	—	1	5	35	41
Totals	58	7	13	42	120

METEOROLOGY.

Abstract of Observations for the Year 1948.

Total amount of bright sunshine	...	1916.9 hours
Number of days with sunshine	... ..	319
Total rainfall	... ..	25.23 ins.
Number of days on which rain fell	...	154
Highest Barometric reading	... ..	30.733—11th March
Lowest	... ..	28.824—7th January
Highest Temperature in screen	... ..	88°—28th July
Lowest	... ..	17°—21st February
Mean Temperature for year	... ..	52.1°
Greatest rainfall in one day	... ..	1.41 ins.—6th August
Most sunshine recorded in one day	... ..	14.9 hours—18th May
Number of days snow or sleet fell...	... ..	4
Number of days hail fell	... ..	4
Number of thunderstorms	... ..	7
Number of gales	... ..	—
Number of days with fog (9 a.m.)	... ..	6

Bright Sunshine, 1948.

The following table extracted from the Official Sunshine Return of the Meteorological Office, Air Ministry, which gives a list of 280 sunshine stations, shows that Worthing held seventh position in Great Britain and Northern Ireland and the second position on the mainland for sunshine during the year 1948.

The table shows the position of the first twenty stations :—

<i>Town</i>					<i>Hours of Sunshine</i>
Jersey	...	...	...	...	2049.5
Sandown	...	...	...	...	2003.4
Calshot	...	...	...	...	1999.6
Shanklin	...	...	...	...	1986.3
Ventnor Park	...	...	...	...	1974.8
Ryde	...	...	...	...	1959.0
WORTHING	...	...	...	...	1916.9
Eastbourne	...	...	...	...	1916.0
Seaford	...	...	...	...	1916.0
Portsmouth	...	...	...	...	1892.2
Hankham	...	...	...	...	1890.1
Weymouth	...	...	...	...	1878.4
Dawlish	...	...	...	...	1878.4
Tangmere	...	...	...	...	1873.9
Littlehampton	...	...	...	...	1870.0
Poole	...	...	...	...	1867.6
Swanage	...	...	...	...	1862.1
Teignmouth	...	...	...	...	1857.9
Southend	...	...	...	...	1854.3
Lizard	...	...	...	...	1854.3

CLIMATE OF WORTHING—1886-1948.

Year.	Temperature.							Rainfall.		Sunshine	Year.
	Means.					Extremes.		Amount at Obser- vatory.	Number of days rain fell.	Number of hours in year.	
	9 a.m.	Min.	Max.	Range	Mean	Min	Max.				
	Degrees.							Inches.			
1886 ...	50.0	44.0	55.2	11.2	49.6	23.2	78.0	31.89	164	—	...1886
1887 ...	48.4	41.6	54.1	12.5	47.9	17.4	82.0	21.28	137	—	...1887
1888 ...	48.0	42.4	53.3	10.9	47.8	20.2	78.8	25.88	181	—	...1888
1889 ...	49.5	42.7	54.8	12.1	48.8	21.9	81.5	23.92	159	—	...1889
1890 ...	49.4	42.2	54.6	12.4	48.4	14.9	78.0	22.84	149	—	...1890
1891 ...	49.4	42.4	54.8	12.2	48.4	16.5	77.0	29.86	172	—	...1891
1892 ...	49.1	41.8	54.5	12.7	48.2	20.2	76.0	23.73	141	—	...1892
1893 ...	52.3	44.0	57.7	13.7	50.9	18.2	84.7	25.12	142	—	...1893
1894 ...	51.2	44.9	52.8	10.9	50.3	12.9	80.2	35.71	184	—	...1894
1895 ...	50.4	43.0	56.5	12.5	49.3	16.2	77.9	26.09	162	—	...1895
1896 ...	51.0	43.3	56.5	13.2	49.9	22.9	80.7	25.74	152	—	...1896
1897 ...	51.4	44.7	56.9	12.2	50.8	21.9	80.7	26.07	172	—	...1897
1898 ...	52.2	45.7	57.6	11.9	51.6	27.0	80.9	22.51	158	—	...1898
1899 ...	51.9	45.0	57.6	12.6	51.3	23.6	84.4	26.23	144	2141.0	...1899
1900 ...	51.2	44.9	56.2	11.3	50.6	20.9	79.0	26.33	182	1885.6	...1900
1901 ...	50.2	43.6	55.8	12.2	49.7	22.9	80.7	21.45	139	2017.0	...1901
1902 ...	50.2	43.6	55.0	11.1	49.6	21.8	78.0	23.77	157	1661.7	...1902
1903 ...	50.9	45.2	55.4	10.2	50.3	23.7	78.2	32.19	189	1749.2	...1903
1904 ...	50.4	44.3	55.5	11.2	49.9	23.8	77.4	26.85	163	1748.4	...1904
1905 ...	50.1	42.2	55.6	11.4	49.1	23.9	77.1	24.63	162	1715.3	...1905
1906 ...	50.6	44.3	56.1	11.8	50.2	24.9	78.6	30.44	173	2010.6	...1906
1907 ...	50.2	45.1	54.8	9.5	50.0	20.4	76.1	21.78	158	1776.8	...1907
1908 ...	50.9	44.1	56.1	12.1	50.1	16.0	80.2	22.15	146	1991.3	...1908
1909 ...	49.7	43.0	54.6	11.6	48.8	19.9	81.2	32.11	178	1958.6	...1909
1910 ...	50.8	44.5	55.9	11.5	50.1	21.9	73.8	32.57	191	1731.0	...1910
1911 ...	52.8	45.1	58.0	12.9	51.5	25.4	87.9	31.68	149	2115.0	...1911
1912 ...	51.6	45.0	56.6	11.6	50.8	19.0	84.2	35.95	192	1609.9	...1912
1913 ...	52.1	45.9	57.4	11.5	51.6	26.2	79.0	34.98	170	1600.2	...1913
1914 ...	52.7	45.2	57.9	12.7	51.5	23.2	78.2	31.31	164	2000.5	...1914
1915 ...	51.1	43.8	56.3	11.8	50.5	24.7	77.1	36.64	152	1801.3	...1915
1916 ...	51.2	44.7	56.3	11.6	50.5	25.0	77.0	32.89	182	1658.0	...1916
1917 ...	49.2	43.0	54.6	11.6	48.8	20.7	79.0	25.49	147	1804.7	...1917
1918 ...	51.0	44.7	56.5	11.8	50.6	20.0	78.0	24.41	165	1856.5	...1918
1919 ...	49.4	42.9	54.9	12.0	48.9	22.0	78.5	28.54	158	1788.5	...1919
1920 ...	51.7	45.6	56.6	11.0	51.1	23.0	76.0	26.40	139	1692.1	...1920
1921 ...	53.4	46.4	58.8	12.4	52.6	27.6	86.7	13.26	108	2101.5	...1921
1922 ...	50.1	43.9	54.8	10.9	49.3	25.2	78.2	25.71	159	1781.2	...1922
1923 ...	50.8	44.5	55.6	11.1	50.1	24.0	86.0	30.62	170	1805.9	...1923
1924 ...	50.8	45.4	55.3	9.9	50.3	25.0	74.6	32.65	159	1759.6	...1924
1925 ...	49.8	44.7	55.9	11.2	50.3	24.0	80.2	34.70	158	1955.8	...1925
1926 ...	51.6	45.7	56.7	11.0	51.2	21.8	83.3	28.57	160	1677.7	...1926
1927 ...	50.8	45.0	55.8	10.8	50.4	22.4	78.1	34.88	165	1731.4	...1927
1928 ...	51.9	45.1	57.0	11.9	51.0	21.6	82.0	32.84	161	1999.1	...1928
1929 ...	50.9	44.1	56.0	11.9	50.0	13.0	80.0	29.71	134	2062.5	...1929
1930 ...	52.0	46.9	56.4	9.5	51.3	26.0	82.6	28.31	169	1821.4	...1930
1931 ...	51.0	45.0	55.0	10.0	50.0	21.0	77.0	25.80	147	1610.5	...1931
1932 ...	50.5	45.1	55.8	10.7	50.5	23.0	80.0	23.91	148	1616.7	...1932
1933 ...	52.0	45.5	56.4	10.9	51.2	23.6	81.2	20.40	125	2102.6	...1933
1934 ...	52.1	45.6	57.5	11.9	51.8	24.0	82.0	27.49	139	1811.0	...1934
1935 ...	51.8	46.1	56.6	10.5	51.3	25.6	83.8	37.74	173	1805.2	...1935
1936 ...	51.3	45.4	55.9	10.5	50.7	27.1	81.3	27.42	169	1675.0	...1936
1937 ...	51.5	46.3	57.2	10.9	51.8	26.0	76.8	31.59	162	1668.3	...1937
1938 ...	52.7	46.1	57.1	11.0	51.6	19.5	82.5	22.95	156	1796.4	...1938
1939 ...	51.8	45.8	56.5	10.7	51.2	20.0	81.5	34.42	171	1809.7	...1939
1940 ...	50.0	45.0	56.0	11.0	50.5	16.0	80.0	30.13	148	1976.8	...1940
1941 ...	50.3	44.0	56.0	12.0	50.0	22.0	83.0	25.83	139	1791.7	...1941
1942 ...	50.0	44.8	55.3	10.5	50.5	19.0	83.0	24.62	129	1711.6	...1942
1943 ...	52.0	46.0	58.0	12.0	52.0	28.0	80.0	23.68	145	1864.8	...1943
1944 ...	51.3	45.4	56.2	10.8	50.8	26.0	81.0	22.14	136	1765.5	...1944
1945 ...	52.5	46.5	57.2	10.7	51.2	19.0	80.0	22.98	138	1783.9	...1945
1946 ...	51.6	45.5	55.7	10.2	50.6	23.0	76.0	30.96	170	1790.7	...1946
1947 ...	51.3	45.7	56.1	10.4	50.9	15.0	90.0	24.31	139	1896.8	...1947
1948 ...	52.6	46.6	57.6	11.0	52.1	17.0	88.0	25.23	154	1916.9	...1948

REPORT OF THE CHIEF SANITARY INSPECTOR.

*To His Worship the Mayor, Aldermen and Councillors
of the Borough of Worthing.*

MR. MAYOR, LADIES AND GENTLEMEN,

I have the honour to present my Sixteenth Annual Report on the Sanitary circumstances of the Borough and the examination of meat and other foods during the year 1948.

Post-War conditions have not permitted a resumption of housing survey and repair work, and such duties have again been limited generally to complaints. Unfortunately, this important work has been in abeyance for nearly ten years and some houses have not been inspected in pursuance of the Housing Act for fifteen years. Consequently, some dwellings have been neglected and allowed to deteriorate into a state of disrepair. It is essential, therefore, that as soon as circumstances permit, an early resumption of this work should be made in order to arrest further deterioration. In fact, a national scheme to modernise the good type of working class dwelling by providing such facilities as a bath, indoor W.C. and a modern kitchen would ease the duties of the housewife and greatly stimulate family pride in the home.

Increased attention was devoted to cleaner food, particularly as regards personal hygiene of the food handler, and good progress was made. Figures concerning ice cream analyses as recorded on pages 29 and 30 may be of interest.

GENERAL INSPECTIONS.

General inspection included the following :—

Houses	...	...	...	...	405
Factories	...	...	...	...	368
Bakehouses	...	...	...	...	129
Restaurant Kitchens			...	...	184
Workplaces		...	...	...	148
Cowsheds	...	...	...	...	60
Dairies	...	...	...	...	107
Ice Cream Premises			...	...	364
Food Shops		...	...	...	1953
Schools	...	...	...	...	91
Drainage	...	...	...	...	657
Shops' Act	...	...	...	...	71

694 public health nuisances or contraventions were recorded and 487 were remedied before the end of the year.

Sanitary defects and nuisances recorded included the following :—

Houses :

Roofs defective	...	...	...	...	86
Rainwater conductors defective	...	...	...	...	37
Chimney stacks and external walls defective...	...	...	...	...	35
Verminous	...	...	...	...	27
Overcrowded	...	...	...	...	21
Re-decorating required	...	...	...	...	73
Wall plaster defective	...	...	...	...	67
Wall dampness	...	...	...	...	84
Cooking ranges defective	...	...	...	...	15
Fireplaces defective	...	...	...	...	24
Window frames or cords defective	...	...	...	...	43
Floors, staircases defective	...	...	...	...	35

Drainage :

Requiring reconstruction	...	...	...	...	46
Defective condition	...	...	...	...	38
Choked	...	...	...	...	129
W.C.'s defective	...	...	...	...	85

Insanitary yards or land	...	...	...	...	31
Animals improperly kept	...	...	...	...	6
Dilapidated refuse bins	...	...	...	...	41

COMPLAINTS.

879 complaints were investigated and appropriate action was taken.

They are classified as follows :—

Housing :

General defects	...	...	...	...	112
Dampness	...	...	...	...	60
Overcrowding	...	...	...	...	29
Dirty conditions	...	...	...	...	5
Vermin	...	...	...	...	29
Insects	...	...	...	...	26
Drainage defects	...	...	...	...	108
W.C.'s defective	...	...	...	...	29
Insanitary accumulations	...	...	...	...	53
Animals improperly kept	...	...	...	...	23
Offensive smells	...	...	...	...	25
Smoke nuisances	...	...	...	...	17
Refuse bins defective	...	...	...	...	15
Rats	...	...	...	...	257
Mice	...	...	...	...	51
Miscellaneous	...	...	...	...	40

Where essential repairs were found to be necessary, action was generally taken under the Public Health Act and a slightly lower standard of fitness accepted.

NOTICES SERVED TO REMEDY DEFECTS OR ABATE NUISANCES OR CONTRAVENTIONS.

	<i>Act.</i>	<i>Informal.</i>	<i>Statutory.</i>
Public Health Act, 1936.			
Section 92 (defects and nuisances)	...	147	4
„ 39 (drainage and appliances)	...	56	2
„ 44/45/46 (water closets)	...	65	—
„ 50 (cesspools)	...	7	1
„ 83/4 (vermin)	...	2	—
„ 259 (ditches)	...	1	—
Worthing Corporation Act	...	64	9
Housing Act, 1936	...	82	16
Food and Drugs Act, 1938.			
Section 13 (food preparing)	...	100	—
Rats and Mice (Destruction) Act, 1919	...	36	—
Factories Act, 1937	...	19	—
Shops Act, 1934	...	3	—

Drainage : 657 visits were made and 88 tests were applied. 31 drainage systems were entirely reconstructed.

Sewers serving 99 houses found to be choked were cleansed by the Corporation.

Rag Flock Acts, 1911—1928 : Three samples of rag flock were taken and analysed for the presence of soluble chlorine in the form of chlorides. All conformed to the prescribed standard of cleanliness.

Offensive Trades : Number of registered premises 2.

FACTORIES ACT, 1937.

Number of premises on register :—

Factories with power	...	220
Factories—non-power	...	70
Number of inspections	...	562
Contraventions or defects recorded	...	54

Fire Escape. Five applications pursuant to Section 34 for Certificates of Adequate Means of Escape in Case of Fire were refused and the occupiers were requested to provide an additional staircase or emergency exit.

RAT DESTRUCTION.

308 complaints relating to rats (257) or mice (51) were received, and whilst a large number of the rat complaints were not verified on investigation, many led to other infestations being traced.

The number of rat complaints varied little as compared with previous years, but the number of rats destroyed has decreased very considerably.

2,169 visits were made and 185 premises were cleared of rodents during the year.

Methods adopted included poisoning with zinc phosphide, arsenic, barium carbonate, or red squill, gassing and trapping. Sausage rusk was chiefly used for preliminary bait and poison base.

Poultry-keeping in back gardens; the laying of an excessive amount of feed and improper storage of feeding stuff has greatly increased the rat menace.

It is estimated from the amount of poison taken that 1,250 rats were destroyed.

Rat destruction is carried out at private premises without a special charge, but a small charge is made for similar work at business premises.

Additional to the above, a maintenance treatment of sewers was carried out.

DISINFECTION AND DISINFESTATION.

980 articles fumigated by steam disinfection included the following :—

Blankets and Rugs	...	...	...	...	164
Sheets, Eiderdowns, etc.	...	...	...	...	52
Mattresses and Feather Beds	...	...	...	...	195
Pillows, bolster, cushions	...	...	...	...	448
Miscellaneous articles	...	...	...	...	121
Number of rooms disinfected	...	...	...	...	69
Number of rooms disinfested	...	...	...	...	78

Revenue received :—

for disinfection	...	£41 19s. 8d.
for disinfestation	...	£25 13s. 8d.

MEAT AND FOOD EXAMINATION.

Slaughtering is carried on at one Government Regional Slaughterhouse. Three other private slaughterhouses remained closed.

10 persons were licensed to slaughter animals under the Slaughter of Animals Act, 1933.

All animals were slaughtered with the aid of mechanically operated humane instruments.

The carcase of every animal slaughtered was examined; this entailed a vast amount of late night and Sunday work. 351 attendances were made at the slaughterhouse.

11,227 animals, i.e. 3,343 beasts, 2,143 calves, 5,566 sheep and 175 pigs were slaughtered and examined.

Over 23 tons of meat were found to be diseased and unfit for food. This was salvaged for animal feeding, fat rendering or fertilizers. Meat found to be diseased included :—

Entire Carcases :

Beasts	...	...	...	...	...	55
Calves	...	...	...	...	...	6
Sheep	...	...	...	...	...	14
Pigs	...	...	...	...	...	4

Offals :

		<i>Beasts</i>	<i>Calves</i>	<i>Sheep</i>	<i>Pigs</i>
Heads and Tongues	...	257	11	5	6
Livers	...	1,094	7	242	3

Carcases Inspected and Condemned.

	<i>Cattle excl. Cows</i>	<i>Cows</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number killed (if known)	3,343		2,143	5,566	175
Number inspected	3,343		2,143	5,566	175
All diseases except Tuberculosis.					
Whole carcases condemned	2	—	3	14	2
Carcases of which some part or organ was condemned	...	899	13	247	5
Percentage of the number inspected affected with disease other than tuberculosis	...	26.9	0.7	4.6	4.0
Tuberculosis only.					
Whole carcases condemned	53		3	—	2
Carcases of which some part or organ was condemned	...	452	5	—	4
Percentage of the number inspected affected with tuberculosis	...	15.1	0.37	—	3.4

Requests from local food tradesmen to examine foods of a doubtful character are received almost daily.

The undermentioned were found to be diseased or unsound and were condemned as being unfit for human food.

TINNED FOODS — 1948.

	<i>No. of Tins, etc.</i>					
Milk	...	...	...	...	...	1,106
Milk Powder	...	...	...	...	...	70
Vegetables	...	...	...	...	...	363
Jams	...	...	...	...	...	228
Fruits	...	...	...	...	...	466
Soups	...	...	...	...	...	111
Tomato Juice	...	...	...	...	...	15
Tinned Fish	...	...	...	...	...	626
Sardines	...	...	...	...	...	45
Condiments	...	...	...	...	...	127
Cereals	...	...	...	...	...	231 lbs.
Pudding Mixtures	...	...	...	...	...	673 pkts.
Confectionery	...	...	...	...	...	273½ lbs.
Sugar	...	...	...	...	...	54 lbs.
Ice Cream Powder	...	...	...	...	...	48 lbs.
Custard Power	...	...	...	...	...	144 lbs.
Prunes	...	...	...	...	...	24 lbs.
Raisins	...	...	...	...	...	4 lbs.
Nuts	...	...	...	...	...	15 lbs.
Wet Fish	...	...	...	...	...	518 stones

Poultry, Game, etc.

Ducks	...	...	...	...	...	2
Guinea Fowls	...	...	...	...	...	1
Rabbits	...	...	...	...	...	36
Corned Beef	...	...	...	...	...	229½ lbs.
Sausage Meat	...	...	...	...	...	117 lbs.
Canned Meats	...	...	...	...	...	321½ tins
Meat Pies	...	...	...	...	...	151 pies
Coffee	...	...	...	...	...	19
Cocoa	...	...	...	...	...	3 pkts.
Bicarbonate of Soda	...	...	...	...	...	30 lbs.

MILK.

223 samples were taken and the following is a synopsis of the results.

Examination for Bacterial Cleanliness.

Designations.	No. taken	Meth. Blue	Failures Coli	Excess Count	Phos-phatase	Unsatisfactory (Legally)
Tuberculin T.	37	15	9	—	—	15 or 40%
Tuberculin T. (Pasteurised)	17	—	1	—	—	
Pasteurised	62	4	8	7	1	4 or 6%
Heat Treated	68	6	—	—	8	11 or 16%

Examination for Tubercle Bacilli.

The milk supplies produced at five farms were examined for the presence of tubercle bacilli and all proved to be negative.

Examination to detect Adulteration or Abstraction.

51 samples were taken, details of which are given in the Foods and Drugs section on page 30.

Graded Milk. Licences granted by the Council during the year pursuant to the Milk (Special Designations) Regulations, 1936/48, were as follows:—

Tuberculin Tested Milk—To retail ...	13
„ „ Bottling Licence ...	1
„ „ To retail (supplementary) ...	2
„ „ Pasteurised—To retail ...	1
Pasteurising Plants and retailing ...	2
Pasteurised Milk—To retail ...	3
„ „ To retail (supplementary) ...	2
No. of registered working dairies ...	8

Heat Treated Milk. Licences or authorisations for this grade of milk are issued direct from the Ministry of Food without consulting the Council, and four such authorisations were in operation during the year.

Of the farms sending milk into the Borough, 36 herds are licensed to produce “Tuberculin Tested” milk and 33 “Accredited.”

Milk Consumption. The average amount of milk consumed by the resident population calculating on the $2\frac{1}{2}$ pints per week ration plus priorities, etc., was approximately 6,500 gallons daily, or .7 pint per head per day.

Amount of "Tuberculin Tested" milk consumed daily, approximately 250 gallons.

Percentage of milk "Pasteurised"	88%
" " "Heat Treated"	10%

Milk in Schools. The number of $\frac{1}{2}$ -pints supplied to schools on each school day was approximately 8,200 (during March).

ICE CREAM.

14 premises are registered for the manufacture of ice cream and 148 for storage and sale.

66 samples were taken and analysed for bacterial cleanliness and 16 to ascertain the fat content.

3 samples of water used for rinsing scoops were also analysed.

Much attention was devoted by Sanitary Officers to the manufacture, storage, distribution and sale of this commodity and to a strict enforcement of Article 5 of the 1947 Regulations to protect from contamination, and it is encouraging to be able to report that there was a marked improvement in the cleanliness of ice cream, as will be seen from the following results of analyses for bacterial cleanliness.

	1948	1947
Grade I	63%	24%
Grade II	9%	14%
*Grade III	9%	13%
*Grade IV	18%	47%

* *Unsatisfactory.*

Bacterial Counts were satisfactory namely :—

13% were less than 1,000 per 1 ml.

59% were less than 10,000 per 1 ml.

87% were less than 200,000 per 1 ml.

The lowest count was 100, and three counts were too numerous to count.

16 samples were analysed as regards quality or fat content and these varied between 11.1% and 0.2% fat.

One retailer was prosecuted for selling loose ice cream from premises registered only for the sale of ice cream in sealed cartons as received from the manufacturer and fined £3.

**FOOD AND DRUGS ACT, 1938—SECTION 3.
DEFENCE (SALE OF FOOD) REGULATIONS, 1943.**

108 samples of foods or drugs were taken for analysis by the Public Analyst :—

<i>Description.</i>	<i>No. Analysed.</i>	<i>Not satisfactory.</i>
Milk	51	*12
Milk Powder	2	
Butter	1	
Cooking Fat	1	
Flour—Self-raising	2	
Baking Powder	2	
Bicarbonate of Soda	1	
Sausage Meats	10	3
Date Paste	1	
Fish Paste	3	
Ground Ginger	1	
Malt Vinegar	1	
Pepper	1	
Pickles	1	
Coffee—pure	2	
Coffee and Chicory Extract	5	
Lemonade Crystals	1	
Toffee	1	
Honey	1	
Ice Creams	16	
Saccharines	2	

*Of the milk samples, 9 were deficient in fat, and four in solids not fat. There was no evidence of adulteration.

Three sausage meats were deficient in meat content, (8%, 8% and 12%) and one sample consisted of whale meat. Appropriate action was taken in each case.

The Date Paste was contaminated with desert sand.

In conclusion, I wish to express my appreciation to the Chairman and Members of the Health Committee for their consideration, encouragement and confidence and to Dr. G. H. Pringle for the keen interest he takes in my work and for his most valuable support.

I also wish to thank all members of the staff of the Health Department, particularly the Sanitary Officers, for the excellent way they carried out their duties during the year.

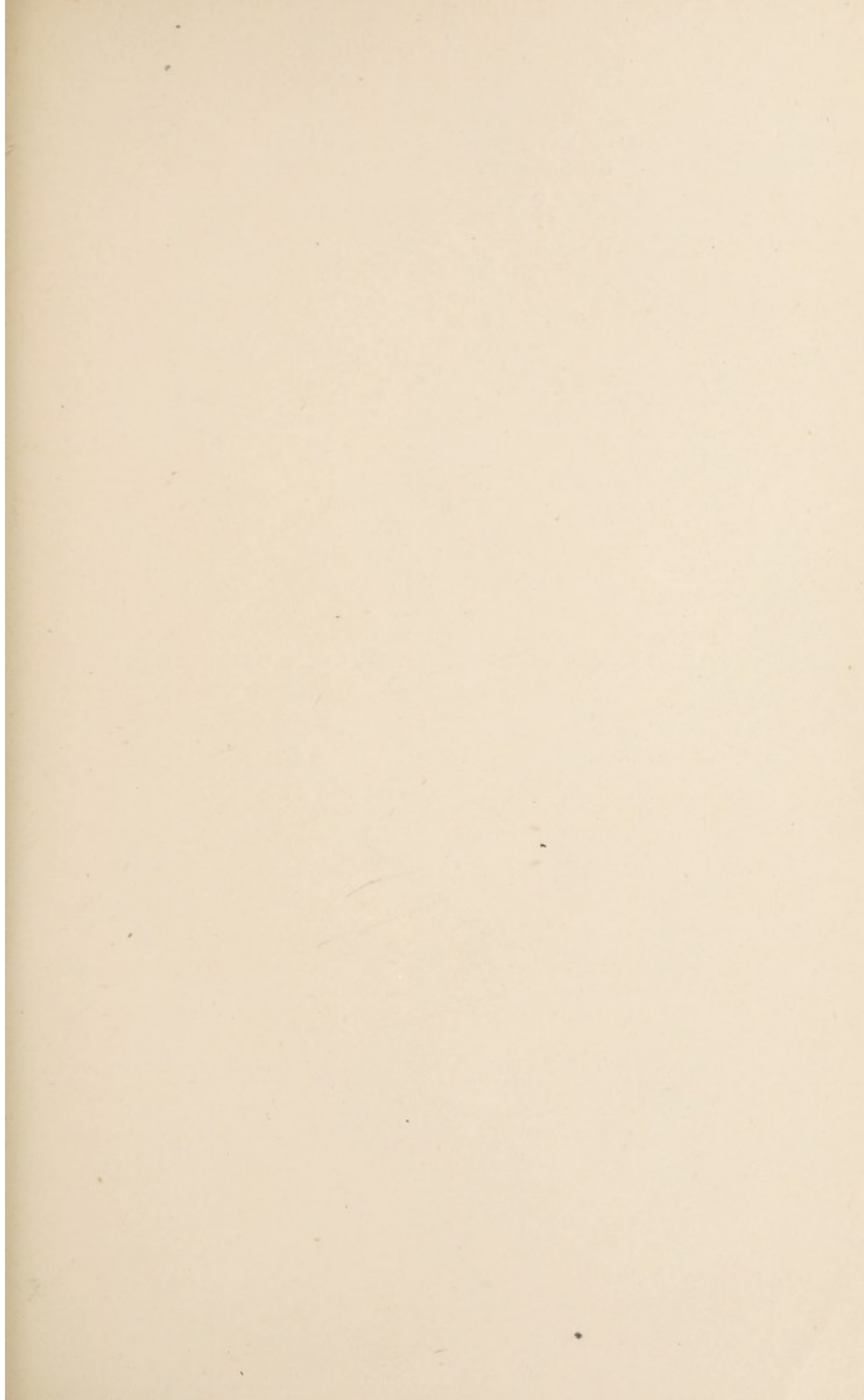
I am, Mr. Mayor, Ladies and Gentlemen,

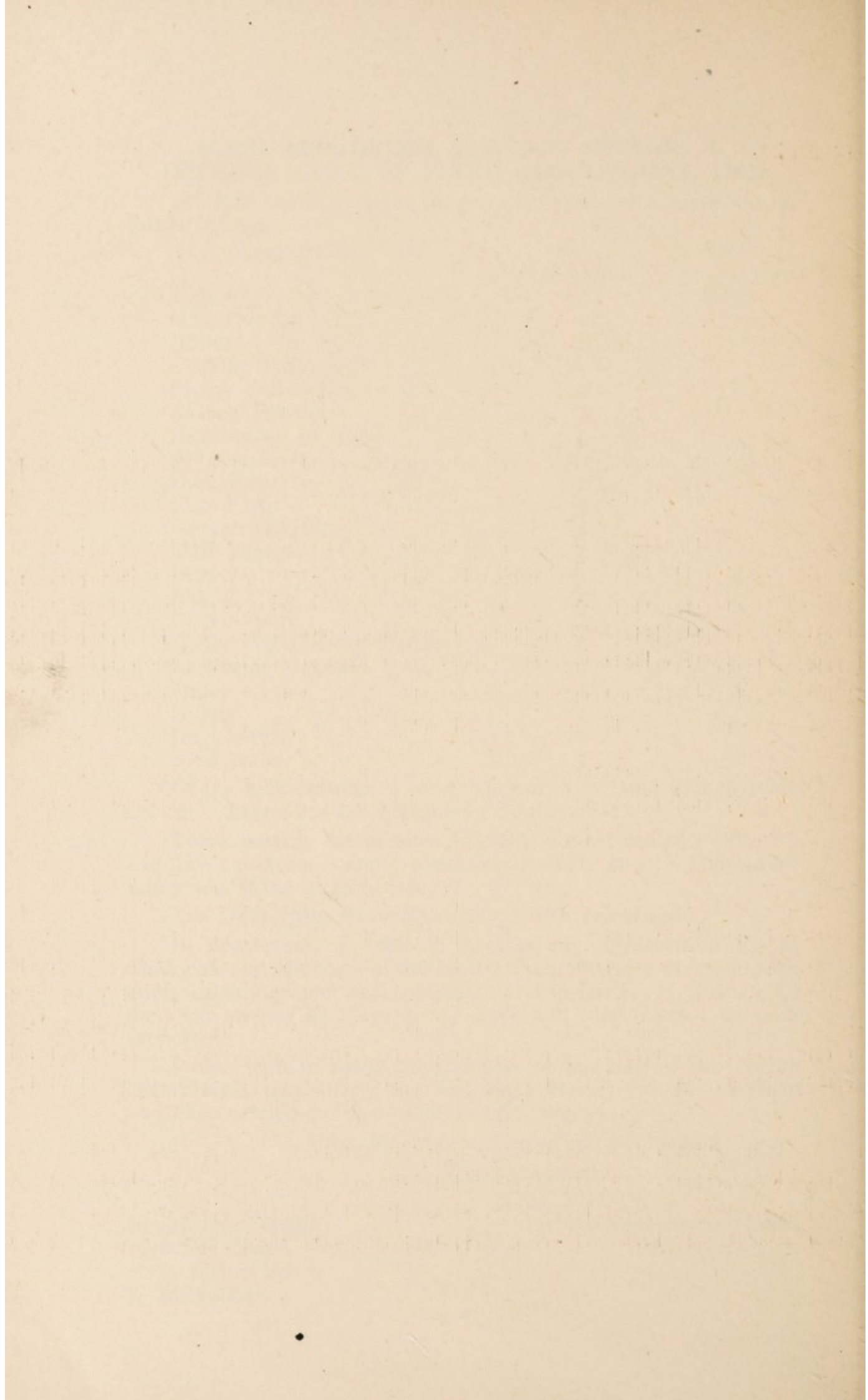
Yours obediently

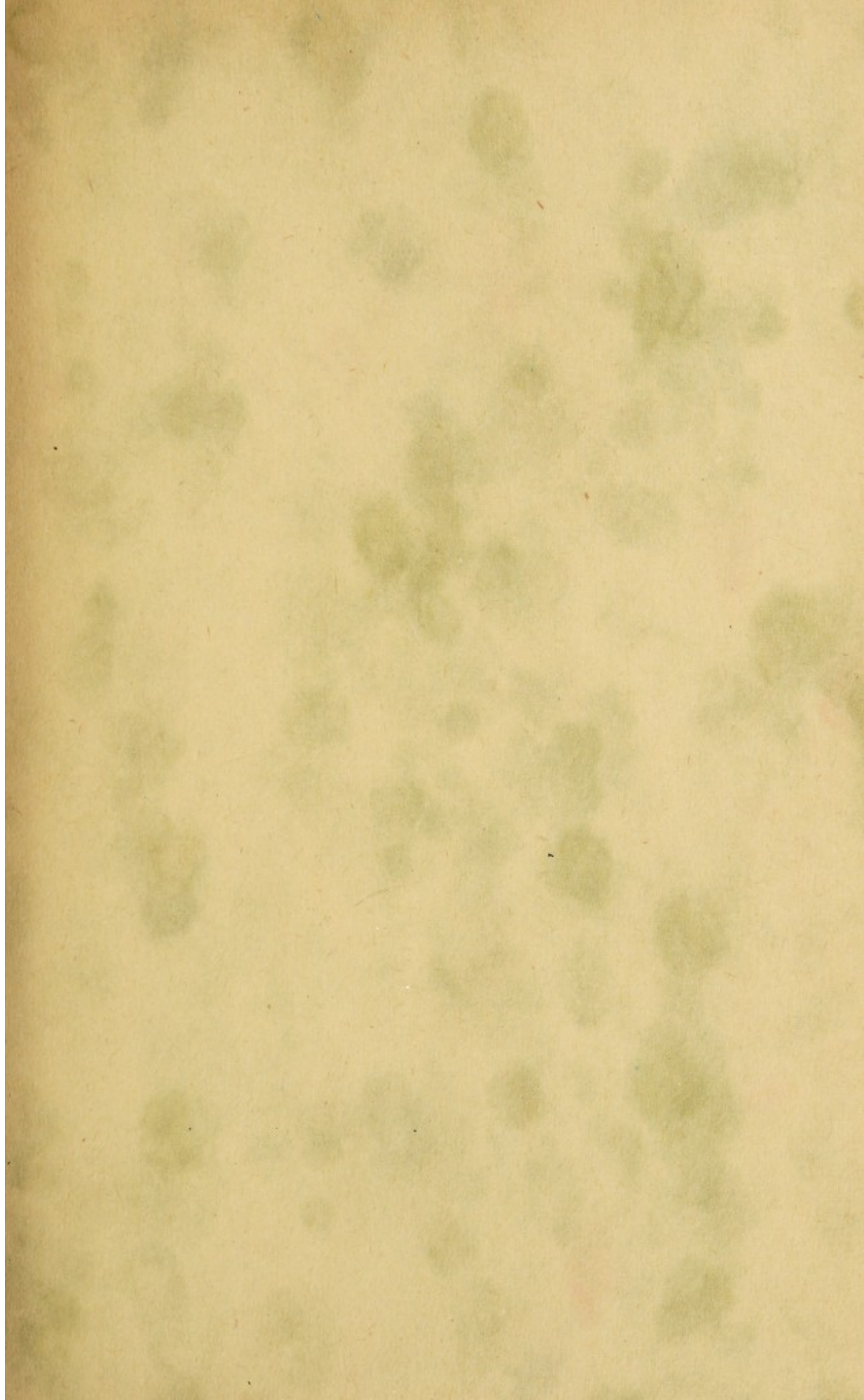
S. S. WHITE,

Chief Sanitary Inspector.

Health Department,
Worthing Lodge,
Stoke Abbott Road,
WORTHING.







Gadd's Printing Works, Ltd., Worthing.—Tel. 189.