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REPORT

OF THE

Medical Officer of Health

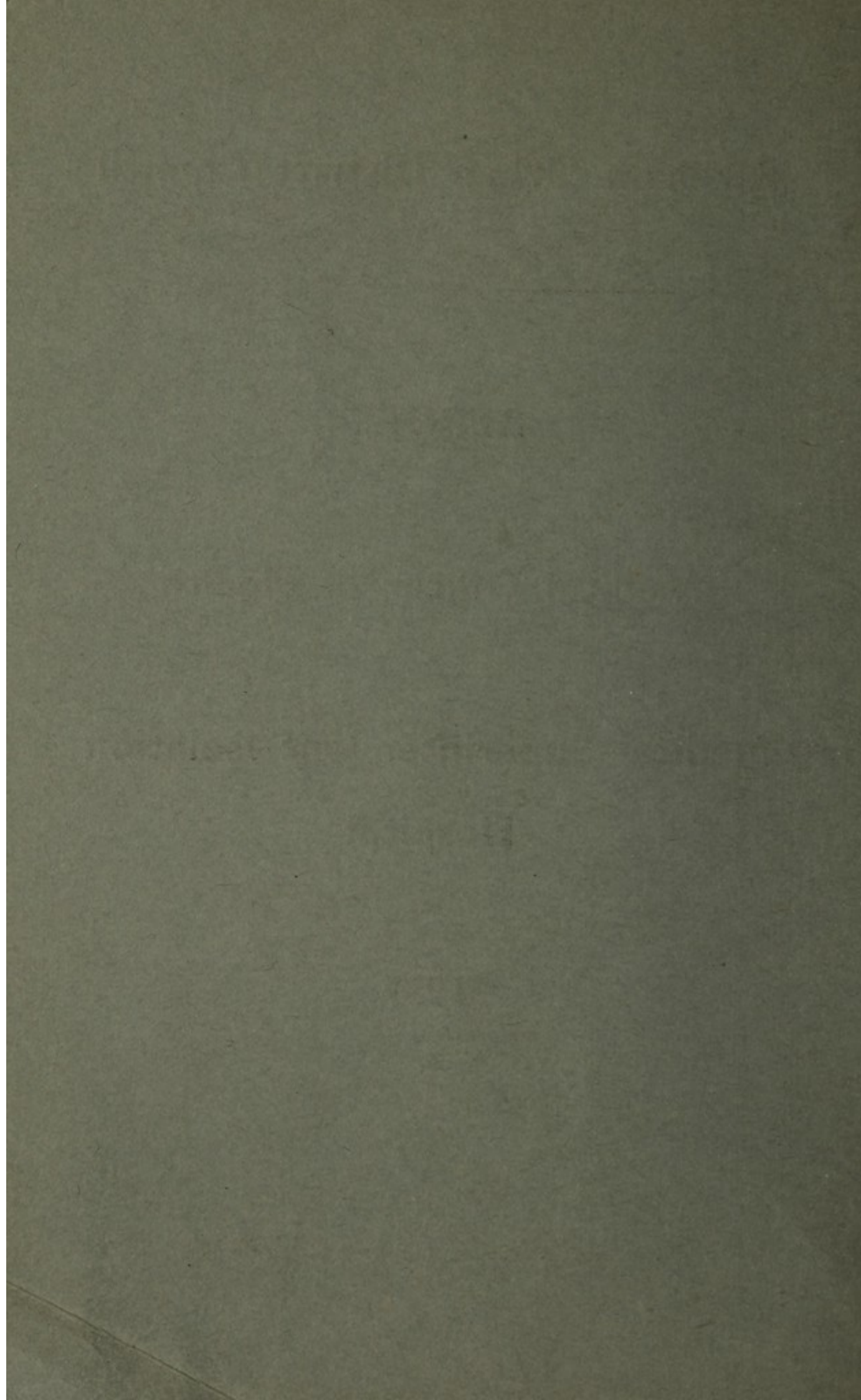
AND

**Medical Superintendent Isolation
Hospital**

1937

GOSPORT :

Kemp Bros. & Wootton, Ltd., High Street, Gosport.



Fareham Urban District Council.

REPORT

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URBAN DISTRICT COUNCIL OF FAREHAM.

Public Health and General Purposes Committee, 1937-38.

Capt. K. F. MANLEY POWER, M.C., J.P., *Chairman of the Council.*

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I. HAMMOND, Esq., J.P., *Chairman.*

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Isolation Hospital Joint Committee, 1937-38.

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Vice-Admiral H. W. LONGDEN.

Comdr. G. D. LATHAM.

Fareham Urban District Council :—

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Mrs. B. R. DYKE, J.P.

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G. F. REVELEY, Esq.

URBAN DISTRICT COUNCIL OF FAREHAM.

*To the Chairman and Members of the
Fareham Urban District Council.*

Mrs. Dyke and Gentlemen,

I have the honour to submit my Fourth Annual Report upon the health of the District, and the work of the Public Health Department for the year 1937.

The report is in accordance with Circular No. 1650 of the Ministry of Health, dated the 4th October, 1937.

The Registrar General's estimate of the mid-year population is 28,600, an increase of 2,210 persons.

It is worthy of note that the Birth Rate is 19.1 per 1,000, compared with 17.1 for 1936, and 14.9 for England and Wales. Whilst the corrected Death Rate is 10.1 per 1,000, compared with 9.7 for 1936, and 12.4 for England and Wales.

The Infant Mortality Rate is 47.5 per 1,000 live births, compared with 60 in 1936, and 58.0 for England and Wales.

In conclusion, might I again tender my thanks to the Members of the Council, and especially to the Chairman and Members of the Public Health and General Purposes Committee for their careful consideration and co-operation in all matters affecting Public Health; also Mr. R. J. Baker, Chief Sanitary Inspector, and the staff of the Department, for the satisfactory manner in which the increasing duties are carried out.

I have the honour to be,

Mrs. Dyke and Gentlemen,

Your obedient Servant,

W. F. T. McMATH,
Medical Officer of Health.

Section A.—Statistics and Social Conditions of the Area.

Area in Acres, 18,352.

Population (Registrar General's Estimate mid 1937) 28,600.

Number of inhabited houses (end of 1937) according to Rate Books, 9,120.

Rateable Value £194,226.

Sum represented by a penny rate, estimated for 1937-38, £745.

Natural and Social Conditions of the Area.

The District is bounded on the South and South-West by the Solent and Southampton Water, and on the West by the Hamble River. On the East the ramifications of Portsmouth Harbour encroach upon it. It is of a flat nature, the Northern part being situated on rising ground. The soil is comprised chiefly of gravel and clay, but on the North-East portion it is mostly of a chalky subsoil. The chief industrial undertakings that come under the heading of Factories, include Brick and Tile Works at Sarisbury and Fareham, Breweries at Titchfield and Fareham, Laundries at Warsash and Fareham. Artificial Manure and Fertilizer Works at Portchester, Gas Works at Titchfield and Electricity Works at Fareham. Boat Building and repairs are carried out at Warsash and Fareham. The inhabitants of the Western portion of the district are chiefly employed in fruit growing. A Cattle Market is held in Fareham weekly.

Vital Statistics.

		<i>M</i>	<i>F</i>	<i>Total</i>	
Live Births	{ Legitimate	258	264	522	Birth Rate 19.1 per 1,000
	{ Illegitimate	13	12	25	
		<hr/> 271	<hr/> 276	<hr/> 547	

Live Birth Rate for England and Wales 14.9 per 1,000.

		<i>M</i>	<i>F</i>	<i>Total</i>	
Still Births	{ Legitimate	4	17	21	Rate per 1,000 total (live and still) births 38.7
	{ Illegitimate	1	—	1	
		<hr/> 5	<hr/> 17	<hr/> 22	

	<i>M</i>	<i>F</i>	<i>Total</i>	
Deaths ...	173	155	328	Recorded Death Rate 11.5 per 1,000
				Corrected Death Rate 10.1 per 1,000

Death Rate for England and Wales 12.4 per 1,000.

Deaths from	From Sepsis	...	0.	Rate per 1,000 total births	0.
Puerperal	„ other causes	1.		Rate per 1,000 total births	1.8.
causes	TOTAL	...	...	Rate per 1,000 total births	1.8.

Death Rate of Infants under one year of age :

All Infants per 1,000 live births	...	...	...	47.5
Legitimate Infants per 1,000 legitimate live births	...	...	...	44.1
Illegitimate Infants per 1,000 illegitimate live births	...	...	...	120.0
Deaths from Cancer (all ages)	...	...	...	45
„ „ Measles (all ages)	...	...	...	0
„ „ Whooping Cough (all ages)	...	...	...	2
„ „ Diarrhoea (under two years of age)	...	...	...	3

Causes of Deaths in Fareham Urban District, 1937.

All Causes :—*Males* 173 : *Females* 155.

CAUSES OF DEATH :	<i>M</i>	<i>F</i>
1 Typhoid and Paratyphoid Fever	—	—
2 Measles	—	—
3 Scarlet Fever	—	1
4 Whooping Cough	1	1
5 Diphtheria	1	1
6 Influenza	7	5
7 Encephalitis Lethargica	—	—
8 Cerebro Spinal Fever	—	—
9 Tuberculosis of respiratory system	5	7
10 Other Tuberculous diseases	1	1
11 Syphilis	—	—
12 General Paralysis of the insane, tabes dorsalis	1	—
13 Cancer, malignant disease	19	26
14 Diabetes	1	2
15 Cerebral Haemorrhage, etc.	12	13
16 Heart Disease	38	32
17 Aneurysm	—	—
18 Other circulatory diseases	5	9
19 Bronchitis	4	4
20 Pneumonia (all forms)	11	6
21 Other respiratory diseases	2	2
22 Peptic Ulcers	2	—
23 Diarrhoea, etc. (under two years)	2	1
24 Appendicitis	1	1

Causes of Death—Continued.

CAUSES OF DEATH :				M	F
25	Cirrhosis of Liver	...	...	1	1
26	Other diseases of Liver, etc.	...	...	1	—
27	Other digestive diseases	...	...	5	1
28	Acute and Chronic Nephritis	...	...	6	3
29	Puerperal Sepsis	...	...	—	—
30	Other Puerperal causes	...	...	—	1
31	Congenital Debility, Premature Birth, Malformation, etc.	...	...	9	8
32	Senility	...	...	12	10
33	Suicide	...	...	2	2
34	Other Violence	...	...	7	4
35	Other defined diseases	...	...	17	13
36	Causes ill-defined or unknown	...	...	—	—
Special Causes (<i>included in No. 35 above</i>) :					
	Small Pox	...	...	—	—
	Poliomyelitis	...	...	1	—
	Polioencephalitis	...	...	—	—
				M	F
Deaths of Infants under one year :		Total	...	16	10
		Legitimate		14	9
		Illegitimate		2	1

Section B.—General Provisions of Health Services for the Area.

Public Health Officers.—W. F. T. McMath, M.D., B.CH., M.R.C.P. (LOND.), D.P.H., L.M., Medical Officer of Health, R. J. Baker, M.R. SAN. I., M.S.I.A., Chief Sanitary Inspector and Meat Inspector; M. T. Parry, A.R. SAN. I., M.I.H., Sanitary Inspector, and L. R. Campbell, Clerk.

Laboratory Facilities.—The Hampshire County Council provide full facilities for Chemical and Bacteriological examinations.

The following statement of the number of specimens examined from this District during the year has been kindly supplied by the County Medical Officer :—

				<i>Positive.</i>	<i>Negative.</i>	<i>Total.</i>
Diphtheria Swabs	...	...	...	108	1,163	1,271
Sputa	...	...	...	9	71	80
				<i>(This does not include Dispensary cases.)</i>		
Typhoids	...	...	...	—	3	3
Swabs for Haemolytic Streptococci				29	65	94
Swabs for Vincents Angina	...			2	—	2
Bloods for Wasserman Reaction				—	1	1
Slides for Gonococci	...	...	...	1	2	3
Milks for Tubercle Bacilli	...			—	9	9
Liver for T.B.	...	...	...	1	—	1
Virulence Tests	...	...	...	...	2 non-virulent	
Urines	...	...	...	...	...	17
Waters for Chemical and Bacteriological examination	...	...	...	...	...	47

Ambulance Facilities.—The Fareham Urban District Council provide an Ambulance for removal of Infectious Cases. A Motor Ambulance is also provided by the Red Cross Society for removal of General and Accident Cases. This seems quite adequate for the District.

Nursing in the Home.—The District is fairly well off for mid-wives and nurses for Home nursing; some are assisted by voluntary contributions.

Clinics and Treatment Centres.—The County Council provide the following Clinics within the area of the Fareham Urban District :—

- Five Maternity and Welfare Clinics.
- One Ante-Natal Clinic.
- One Eye Clinic.
- Orthopaedic Clinic.
- One Dental Clinic.

Hospitals.—PUBLIC.—Infectious Diseases Hospital is situated in Fareham West Ward and is the property of the Council. Cases are received from Fareham and part of the Droxford Rural District.

SMALL POX.—Accommodation for these cases is provided by the County Council.

TUBERCULOSIS.—Sanatorium Treatment is provided by the County Council and cases are treated at the Gosport Dispensary by myself as tuberculosis officer for the County.

VOLUNTARY.—There is no voluntary hospital within the boundaries of the Urban District. Hospitals at Southampton, Portsmouth and Winchester are within easy reach.

Fareham Public Assistance Committee has accommodation for necessitous cases.

Section C.—Sanitary Circumstances of the Area.

Water Supply.—The District is supplied with water from various sources, namely :—

CROFTON.—The mains of the Gosport Waterworks Company.

PORTCHESTER.—The mains of the Portsmouth Waterworks Company.

SARISBURY, TITCHFIELD and WARSASH.—The mains of the Southampton Corporation Water Works.

FAREHAM.—The Fareham Waterworks are the property of the Council.

The consumption of water for the year was 172,948,000 gallons, an increase of 4,778,666 gallons.

The number of houses supplied from the Council's mains is 4,003. The growth of the District has been very rapid in recent years and it was necessary to obtain additional water. New adits have been driven during the past year, and the total yield of the adits is now more than $1\frac{3}{4}$ million gallons per day. This should be ample for many years.

The Waterworks are being re-organised, new machinery is being installed, and a reservoir of $\frac{1}{2}$ million gallons capacity is to be constructed.

Quality of Water.—Referring to my report of 1936 on the Water Supply, since Chlorination was carried out, reports to the end of the year have been satisfactory.

The water is controlled by bacteriological examination, which ordinarily is made monthly.

The following Bacteriological and Chemical Examinations were made during the year :—

<i>Date.</i>	<i>Lab. No.</i>	<i>Situation.</i>	<i>Result.</i>
12/1/37.	9007	No. 4 Well at Maindell Waterworks, Fareham.	Unsatisfactory for Public Supply owing to the presence of coliform organisms in 20 m.l.
19/1/37.	9016	No. 3 Well at Fareham Waterworks.	Barely satisfactory for a Public Supply.
27/1/37.	9021	New House (Gyles) Titchfield Road, Fareham.	Barely satisfactory for a Public Supply for drinking purposes.
15/2/37.	9036	Standpipe at "The Curtilage," The Avenue, Fareham.	Satisfactory water for a Public Supply.

15/2/37.	9037	No. 3 Well at Fareham Water-works.	Fairly satisfactory for a Public Supply.
4/3/37.	9053	No. 4 Well at Fareham Water-works.	This is a satisfactory water for all domestic purposes including drinking.
18/3/37.	9074	Standpipe at Westbury Manor, Fareham.	This is a satisfactory water for a Public Supply.
19/4/37.	9106	Standpipe at Westbury Manor, Fareham.	This is a satisfactory water for drinking and domestic purposes.
28/6/37.	9208	Standpipe at Westbury Manor,	This is a satisfactory water for a Public Supply.
16/8/37.	9328	Standpipe at "The Curtilage," The Avenue, Fareham.	This water is satisfactory for a Public Supply.
13/9/37.	9369	Standpipe at Westbury Manor, Fareham.	This is a satisfactory water for a Public Supply.
22/11/37.	9518	Standpipe at Westbury Manor, Fareham.	This is a satisfactory water for a Public Supply.
28/12/37.	9607	Standpipe at Westbury Manor, Fareham.	This is a satisfactory water for a Public Supply.

A series of satisfactory samples have been taken and the following is typical of them :

Hampshire County Council.

PUBLIC HEALTH LABORATORY.

Report on Sample of Water taken 28th June, 1937. Received 28th June, 1937, from Standpipe, Westbury Manor, for Chemical Analysis and Bacteriological Examination.

Physical Properties and Chemical Analysis.

SMELL WHEN HEATED—Natural. TURBIDITY—Clear.

SUSPENDED MATTER—None.

			Parts per 100,000 (x. 7=grains per gall.)
Free and Saline Ammonia	...	...	0.002
Albuminoid Ammonia	...	...	0.0015
Oxygen absorbed in 4 hrs. at 27°c.	...	...	0.01
Nitrogen present as Nitrites	...	...	Nil
Total Solids dried at 100°c.	...	...	Nil
Dissolved Solids dried at 100°c.	...	...	38.4
Suspended Solids dried at 100°c.	...	...	Nil
Chlorine (x. 1.648=common salt)	...	...	2.7
Poisonous Metals	...	...	Nil
Iron	...	...	Nil
Alkalinity to Methyl Orange	...	...	22.5
Alkalinity to Phenolphthalein (=free Alkali)	...	...	Nil
P.H. value	...	...	7.5

Bacteriological Examination.

Number of organisms per m.l. capable of growing upon agar at 37°c. in two days	...	...	...	4
Number of organisms per m.l. capable of growing upon gelatine at 22°c. in two days	...	...	...	34
Number of organisms per m.l. capable of growing upon lactose Bile Salt agar in two days	...	...	...	0
Smallest quantity of water giving acid and gas in Bile Salt lactose broth	...	...	...	None in 100 m.l.
Smallest quantity of water containing Bacillus Coli.	...	...	...	None in 100 m.l.

This is a satisfactory water for a Public Supply.

(Signed) H. LESLIE CRONK,

3rd July, 1937.

County Medical Officer.

The supply is constant in each case.

There are still a number of shallow wells existing in the District and whenever practicable, the Council contribute towards the cost of extending the mains as occasion arises.

Throughout the District, including those areas supplied with water from other authorities, extensions to mains have taken place, approximately 1.68 miles of mains having been laid.

Drainage and Sewerage.—CROFTON AND PORTCHESTER. The work of laying the sewers for the drainage of these two Wards was commenced during the year, and the work is well in hand.

FAREHAM.—The Sewage Disposal Works are to be enlarged to deal with the drainage in connection with the proposed new sewerage schemes in Crofton and Portchester Wards.

It is proposed to instal sludge digestion plant, and tenders are now being invited.

SARISBURY.—A Sewerage System constructed to receive drainage from the Housing Site at Addison Road is working satisfactorily.

TITCHFIELD.—The Disposal Works are situate in the South of the Ward.

Rivers and Streams.

No necessity for action has arisen during the year. The effluent from the Disposal Works at Titchfield discharges into the River Meon.

Closet Accommodation.

Conversions :—No. of Privy Closets to W.C's. 5.

No. of Pail Closets to W.C's. 9.

Public Cleansing.—House refuse is collected once weekly in the whole of the District, with the exception of outlying areas.

The work in the Fareham Wards is done by direct labour. A 10 cubic yard freighter has been provided and is proving satisfactory.

In the other Wards the work is done by contract, horses and lorries being employed.

The Council has provided five mechanical vehicles for the cleansing of cesspools throughout the District. This number is insufficient to deal with the number of cesspools, and it is necessary at times to hire additional vehicles.

Sanitary Inspection of the Area.

Summary of Inspections and Work Done.

	Number of		Notices		Nuisances abated or Defects remedied after Action		Remarks
	Inspect'ns and Re-inspect'n's	Defects	Informal	Statutory	Inspector	Authority	
Housing Acts ...	896	77	69	10	26	23	18 de-molished
Structural Public Health Defects Acts ...	132	56	56	1	43	1	
Overcrowding ...	1133	1	1	—	—	—	
Drains and Cesspools ...	268	86	83	—	63	—	
Water and Pail Closets ...	65	38	34	1	33	1	
Keeping of Animals ...	22	6	6	—	6	—	
Ashpits and Privies ...	22	6	5	—	4	—	
Water Supply ...	96	32	31	4	31	3	
Refuse and Manure ...	88	22	20	—	17	—	
Pools and Ditches ...	53	9	8	—	5	—	
Tents, Vans and Sheds ...	85	50	5	—	48	—	
Pigsties ...	15	6	6	—	5	—	
Dairy Farms ...	256	20	20	—	13	—	
Milkshops and Stores ...	69	3	3	—	3	—	
Bakehouses ...	60	12	3	—	3	—	
Factories and Workshops (excluding Bakehouses)	178	8	5	—	6	—	
Slaughterhouses ...	570	7	7	—	4	—	
Food Shops ...	405	4	4	—	4	—	
Shops (excluding Food Shops)	228	—	—	—	—	—	
Lodging Houses ...	18	—	—	—	—	—	
Offensive Trades ...	23	1	1	—	—	—	
Markets ...	52	—	—	—	—	—	
Holiday Camps ...	20	2	2	—	2	—	
Verminous Premises ...	69	24	—	—	23	—	
Infectious Diseases ...	151	—	—	—	—	—	
Miscellaneous ...	30	—	—	—	—	—	
TOTAL ...	5004	470	359	16	339	28	

Report re Factories and Workshops.

1.—Inspection of Factories, Workshops and Workplaces.

INCLUDING INSPECTIONS MADE BY SANITARY INSPECTOR
OR INSPECTORS OF NUISANCES.

Premises (1)	Number of		
	Inspections (2)	Written Notices (3)	Occupiers Prosecuted (4)
Factories (Including Factory Laundries)	96	5	—
Workshops (Including Workshop Laundries)	136	8	—
Workplaces (Other than Outworkers' premises)	—	—	—
TOTAL ...	232	13	—

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

Particulars (1)	Number of Defects			Number of offences in respect to which Prosecu- tions were instituted (5)
	Found (2)	Remedied (3)	Referred to H.M. Inspector (4)	
<i>Nuisances under the Public Health Acts :—*</i>				
Want of cleanliness	10	10	—	—
Want of ventilation	—	—	—	—
Overcrowding	—	—	—	—
Want of drainage of floors ...	1	—	—	—
Other nuisances	3	2	—	—
Sanitary { Insufficient ...	3	2	—	—
accom- { Unsuitable or defective	3	3	—	—
modation { Not separate for sexes	—	—	—	—
<i>Offences under the Factory and Workshop Acts :—</i>				
Illegal occupation of underground bakehouse (s. 101)	—	—	—	—
Other Offences :	—	—	—	—
(Excluding offences relating to out- work and offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories & Work- shops Transfer of Power) Order 1921)				
TOTAL ...	20	17	—	—

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

Shops Act, 1934.

228 Shops were inspected under this Act during the year. It was not found necessary to take any action.

Smoke Abatement.

No cases have arisen requiring the Council's attention.

Swimming Baths and Pools.

There are no such Baths open to the public within the area.

Eradication of Bed Bugs.

			<i>Infested.</i>	<i>Disinfested.</i>
1.	Council Houses	... ..	2	2
	Other Houses	... ..	22	21
2.	Methods employed for freeing infested houses from bed bugs—Zaldecide Spray.			

3. An inspection of prospective tenant's houses is carried out before the removal to Council houses.

No action was found necessary to deal with verminous belongings.

4. Works of disinfestation are carried out by the Local Authority.

5. In order to prevent infestation or re-infestation after cleansing, tenants are instructed as to cleanliness and after, check visits are made.

Schools.

There are 14 Schools in the District. With one exception the Schools are supplied with water from the water mains. The quality of well water at Hook Schools is not satisfactory, and as a temporary measure drinking water is conveyed to the School in a 20-gallon covered container.

With regard to the prevention of the spread of infectious disease, the practice is to isolate all contacts, spray patient's desk, etc., after every case, and when necessary, to disinfect the School-room or School. In the case of Diphtheria all contacts have their noses and throats cultured for the casual organism.

Section D.—Housing.

Housing Statistics (Public Health).

1. *Inspection of Dwelling-houses during the Year.*

(1)	(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	497
	(b)	Number of inspections made for the purpose ...	1593
(2)	(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925	81
	(b)	Number of inspections made for the purpose ...	132
(3)		Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	1
(4)		Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	76

2. *Remedy of Defects during the Year without Service of formal notices.*

	Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	173
--	--	-----

3. *Action under Statutory Powers during the Year.*

A.—Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :

(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	5
(2)	Number of dwelling-houses which were rendered fit after service of formal notices :	
	(a) By owners	5
	(b) By local authority in default of owners ...	—

B.—Proceedings under Public Health Acts :

(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	6
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices :	
	(a) By owners	5
	(b) By local authority in default of owners ...	—

C.—Proceedings under Sections 11 and 13 of the Housing Act, 1936 :

(1) Number of dwelling-houses in respect of which Demolition Orders were made	...	...	25
(2) Number of dwelling-houses demolished in pursuance of Demolition Orders	...	...	9
(3) Number of dwelling-houses demolished after informal action	...	...	4
(4) Number of dwelling-houses demolished (Clearance Areas)	...	...	5

D.—Proceedings under Section 12 of the Housing Act, 1936 :

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	...	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	...	...	—

Housing Act, 1936—Part IV—Overcrowding.

(a) (1) Number of dwelling-houses overcrowded at the end of the year	...	...	30
(2) Number of families dwelling therein	...	...	31
(3) Number of persons dwelling therein	...	...	236
(b) Number of new cases of overcrowding reported during the year	...	...	—
(c) (1) Number of cases of overcrowding relieved during the year	...	...	—
(2) Number of persons concerned in such cases	...	...	—
(d) Particulars of any cases in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding	...	...	—
(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report	...	...	—

General Remarks.—During the year 885 houses have been built by private enterprise, 150 additions to existing buildings and 495 other buildings.

Housing Acts, 1919-1924.—The following houses have been erected under the above Acts :—

Crofton 44 ; Fareham East 20 ; Fareham West 12 ; Portchester 80 ; Sarisbury 70 ; Titchfield 92 ; Warsash 54. Total 372.

Housing Act, 1930.—Fareham East 10.

Section E.—Inspection and Supervision of Food.

Milk Supply.—There are 49 dairy farms, 6 milk shops and 12 milk stores in the District, also 67 retail purveyors of milk, 15 of whom supply milk from premises outside the District. The approximate number of cows is 850. The majority of the cowsheds are satisfactory, and the remainder are gradually being brought up to the required standard.

Tuberculous Milk.—Examination of specimens for Tuberculous Milk is now carried out by the County Council.

SUPPLEMENTARY LICENCES.—Tuberculin Tested	...	7
Pasteurized	...	3

Meat and other Foods.—Slaughterhouses and shops continue to be systematically and regularly visited.

The table opposite shows the particulars of carcasses inspected and condemned :—

For details of condemnations see Chief Sanitary Inspector's Report (page 31).

BAKEHOUSES.—Bakehouses continue to be kept in a clean and satisfactory condition.

Carcases Inspected and Condemned.

	CATTLE (exclud- ing Cows)	COWS	CALVES	SHEEP AND LAMBS	PIGS
Number killed	203	37	367	1138	2313
Number inspected	141	37	160	476	1791
Percentage	69.4%	100%	41.8%	45.4%	77.4%
All diseases except Tuber- culosis :					
Whole carcasses con- demned	0	3	0	0	4
Carcases of which some part or organ was condemned	2	6	0	3	31
Percentage of the number inspected affected with disease other than T.B.	1.4%	24.3%	0.0%	0.6%	1.9%
Tuberculosis only :					
Whole carcasses con- demned	2	0	0	0	8
Carcases of which some part or organ was condemned	1	6	0	0	71
Percentage of the number inspected affected with T.B.	2.1%	16.2%	0.0%	0.0%	4.4%

ADULTERATION, ETC.—The carrying out of the duties under the Food and Drugs (Adulteration) Act, 1928, etc., are done by the County Council Officers. The following samples were obtained during the year :—

<i>Article.</i>			<i>Genuine.</i>	<i>Unsatisfactory.</i>
Arrowroot	...	...	1	—
Butter	...	...	3	—
Castor Oil	...	...	1	—
Cocoa	...	...	2	—
Coffee	...	...	1	—
Cornflour	...	...	1	—
Demerara	...	...	1	—
Flour	...	...	2	—
Flour, Self Raising	...	...	1	—
Gin	...	...	1	—
Green Peas	...	...	1	—
Lard	...	...	1	—
Malt Vinegar	...	...	1	—
Milk, Tinned	...	...	1	—
Mincemeat	...	...	1	—
New Milk	...	...	62	4
Rum	...	...	2	—
Sal volatile	...	...	1	—
Sausage	...	...	6	—
Spongecake	...	...	1	—
Syrup of Figs	...	...	1	—
Whiskey	...	...	6	—
Yeast Tablets	...	...	1	—
TOTAL			99	4

Particulars of unsatisfactory samples :—

Sample No.

5822 New Milk, 11.2% of excess water.

5829 „ „ 11.9% „ „

5830 „ „ 12.3% „ „

5832 „ „ 14.4% „ „ and 12.7% deficient in fat.

Proceedings heard on 1st March, 1937. Fined £4 and 12/6 in respect of each sample.

Chemical and Bacteriological Examination of Food.

One specimen was examined by the County Council Laboratory, Winchester, with a negative result.

Nutrition.—Lectures and personal consultations are given by me in Welfare Centres and in Schools on the importance of adequate nutrition.

Section F.—Prevalence of and Control over Infectious and other Diseases.

Diphtheria.—There were 33 cases of Diphtheria, 2 of which had a fatal termination. Both the latter were of the haemorrhagic type, and having been ill 5 days, were dangerously ill on admission to Hospital. One died in 24 hours, and the other 50 hours after admission to the Isolation Hospital.

Facilities are available for the supply of Diphtheria Anti-toxin to private practitioners without charge, for the early treatment of suspected cases.

Scarlet Fever.—96 cases of Scarlet Fever occurred, 82 of which were treated in the Isolation Hospital.

One patient had an unusually acute attack and developed Mastoid Disease for which he was operated upon, and made a good recovery. Most patients are treated with Scarlet Fever Serum, which reduces the complication rate and also the period of infectivity.

Enteric Fever.—There were no cases in this District.

Puerperal Pyrexia.—There were 10 cases notified during the year.

Small Pox, Enteric Fever.—There were no cases during the year.

Pneumonia.—There were 45 notifications, compared with 36 cases the previous year.

Immunisation against Diphtheria.—The scheme has been extended to include school children under 14 years of age.

The following is a summary of treatments carried out :—

1ST DOSE.

Age in years ...	1		2-5		6-14		Total	
	M	F	M	F	M	F	M	F
Pre-school Age ...	50	55	141	125	—	—	191	180
School Children	—	—	67	74	366	340	433	414
	50	55	208	199	366	340	624	594

2ND DOSE.

Age in years ...	1		2-5		6-14		Total	
	M	F	M	F	M	F	M	F
Pre-school Age ...	44	55	150	120	—	—	194	175
School Children	—	—	81	73	457	467	538	497
	44	55	231	193	457	467	732	672

GRAND TOTAL :

1ST DOSE.

2ND DOSE.

Boys 624

Girls 594

1218

Boys 732

Girls 672

1404

Verminous Persons.—There are no facilities for the cleansing of verminous persons, but verminous premises are fumigated when required.

Mosquitoes.—Systematic spraying is carried out of all pools, ditches and ponds found to be breeding grounds for mosquitoes.

Rodents.—The Rats and Mice (Destruction) Act is administered by the County Council, through the Police, and any complaints are immediately forwarded to them.

Cancer.

The Medical Officer of Health is the Honorary Organising Secretary for the British Empire Cancer Campaign ; an object of which Society is to impart information to the public. As the result of this it is hoped sufferers may present themselves earlier for Diagnosis and Treatment.

On application to the Honorary Secretary for the District, lecturers are provided.

Notifiable Infectious Diseases (other than Tuberculosis) during the year 1937.

Disease	Total Cases Notified	Cases admitted to Hospital	Total Deaths
Small Pox	—	—	—
Scarlet Fever	96	82	1
Diphtheria	*49	*49	2
Enteric Fever (including Para Typhoid)	—	—	—
Puerperal Fever	—	—	—
Puerperal Pyrexia	10	1	—
Pneumonia	45	1	17
Erysipelas	5	—	—
Ophthalmia Neonatorum	4	—	—
Anterior Poliomyelitis	—	—	—
	209	132	20

* Which includes carriers and mis-diagnoses.

Notifiable Infectious Diseases set out in Age Groups.

Disease.	Under one year	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	TOTAL
Small Pox	-	-	-	-	-	-	-	-	-	-	-	-	0
Scarlet Fever	-	3	2	10	12	48	8	2	10	1	-	-	96
Diphtheria	-	-	1	-	1	22	15	2	8	-	-	-	*49
Enteric Fever (including Para Typhoid)	-	-	-	-	-	-	-	-	-	-	-	-	0
Puerperal Fever	-	-	-	-	-	-	-	-	-	-	-	-	0
Puerperal Pyrexia	-	-	-	-	-	-	-	1	8	1	-	-	10
Pneumonia	4	-	1	-	-	8	2	1	4	8	7	10	45
Erysipelas	-	-	-	-	-	-	-	-	2	-	2	1	5
Ophthalmia Neonatorum	4	-	-	-	-	-	-	-	-	-	-	-	4
	8	3	4	10	13	74	21	6	32	10	9	11	209

* Which includes carriers and mis-diagnoses.

Notifiable Infectious Diseases set out in Wards.

Disease	Crofton	Fareham East	Fareham West	Portchester	Salisbury	Titchfield	Warsash	TOTAL
Small Pox	-	-	-	-	-	-	-	0
Scarlet Fever	2	17	28	22	19	7	1	96
Diphtheria	1	24	12	2	1	9	-	*49
Enteric Fever (including Para Typhoid)	-	-	-	-	-	-	-	0
Puerperal Fever	-	-	-	-	-	-	-	0
Puerperal Pyrexia	-	6	2	1	1	-	-	10
Pneumonia	10	7	7	13	2	4	2	45
Erysipelas	2	1	-	-	2	-	-	5
Ophthalmia Neonatorum	2	-	1	1	-	-	-	4
	17	50	47	39	25	20	3	209

* Which includes carriers and mis-diagnoses.

Prevention of Blindness.—No action was taken by the Local Authority under Section 66 of the Public Health Act, 1925.

Tuberculosis.

New Cases and Mortality, 1937.

Age Periods	New Cases				Deaths			
			Non-				Non-	
	Pulmonary		Pulmonary		Pulmonary		Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0	—	—	—	—	—	—	—	—
1	—	—	1	—	—	—	—	—
5	—	1	2	2	—	—	—	—
15	5	3	—	—	—	1	—	—
25	2	2	—	—	1	2	—	—
35	4	2	—	—	3	1	—	—
45	5	1	—	—	1	1	—	—
55	—	—	—	—	—	1	—	—
65 and upwards	—	1	—	—	—	—	—	—
	16	10	3	2	5	6	—	—

The notification of Tuberculosis in this District is satisfactorily carried out by the Medical Practitioners.

No action has been found necessary under the Public Health (Prevention of Tuberculosis) Regulations, 1925, or under Section 52, Public Health Act, 1925.

I have the honour to be, Mrs. Dyke and Gentlemen,

Your obedient Servant,

W. F. T. McMATH,

M.D., M.R.C.P., (LOND.), D.P.H.,

Medical Officer of Health.

FAREHAM,
June, 1938.

Fareham Urban District Council.

Annual Report

OF THE

Sanitary Inspector.

1937

FAREHAM URBAN DISTRICT COUNCIL.

Annual Report of the Sanitary Inspector, 1937.

Summary of Inspections.

Structural Defects—Housing Acts	...	...	...	896
Public Health Acts	...	...	...	132
Overcrowding	...	...	...	1133
Drains and Cesspools	...	...	...	268
Water and Pail Closets	...	...	...	65
Keeping of Animals	...	...	...	22
Ashpits and Privies	...	...	...	22
Water Supply	...	...	...	96
Refuse and Manure	...	...	...	88
Pools and Ditches	...	...	...	53
Tents, Vans and Sheds	...	...	...	85
Pigstyes	...	...	...	15
Dairy Farms	...	...	...	256
Milk Shops and Stores	...	...	...	69
Bakehouses	...	...	...	60
Factories and Workshops (excluding Bakehouses)	...	...	...	178
Slaughterhouses	...	...	...	570
Food Shops	...	...	...	405
Shops (excluding Food Shops)	...	...	...	228
Lodging Houses	...	...	...	18
Offensive Trades	...	...	...	23
Markets	...	...	...	52
Holiday Camps	...	...	...	20
Verminous Premises	...	...	...	69
Infectious Diseases	...	...	...	151
Miscellaneous	...	...	...	30
TOTAL				5004

Housing Inspections.

With the appointment of a permanent Additional Sanitary Inspector, it is now possible for systematic inspections to be carried out. This important branch of the work is steadily increasing, with satisfactory results.

The number of inspections carried out during the year was 896. 31 houses were rendered fit during the year and 18 demolished.

Where the defective condition of dwelling-houses is such as to become injurious to health, action is taken under the Public Health Acts.

The number of inspections carried out was 132, and repairs were executed in 45 instances.

Overcrowding.

The work of compiling a complete card index of all working class houses in the District continues.

Particulars of a further 1,133 houses were entered on cards during the year.

Rent and Mortgage Interest Restrictions (Amended Order) Act, 1933.

One certificate was issued in accordance with the provisions of this Act.

Drains and Cesspools.

268 inspections of drains and cesspools were made during the year. In 63 instances the defective conditions were remedied, which included new drainage to 14 houses, one new cesspool constructed, and 48 repairs to existing drains or cesspools.

Closet Accommodation.

87 inspections of Water Closets, Earth Closets and Privies were made with the following results:—9 new Water Closets provided, 14 Water Closets repaired, 4 Earth Closets repaired, 9 Earth Closets converted to Water Closets, and 5 Privies converted to Water Closets.

Water Supply.

96 inspections were carried out during the year, and the water supply to 32 houses was found to be unsatisfactory.

12 wells were closed, and water laid on to 27 houses from the Company's main.

The following is a summary of the Chemical and Bacteriological Analyses of water samples obtained during the year:—

<i>Source.</i>	<i>Address.</i>	<i>Result of Analysis.</i>
Well	Eight houses, Fleet End Road, Warsash ...	Poor.
Well	1-2 Myrtle Cottages, Stubbington ...	Polluted.
Well	Two houses, Hunts Pond Road, Titchfield	Polluted.
Well	1, 2 and 3 Burnt House Cottages, Stubbington	Polluted.
Well	House at Clapgate, Wallington, Fareham	Polluted.
Tap	Warsash Housing Estate, Warsash ...	Satisfactory.
Well	1 and 2 Longview, Addison Road, Sarisbury	Satisfactory.
Well	Sheila Villa, Warsash (two samples) ...	Polluted.
Well	1 and 2 Clyde Villas, Warsash ...	Polluted.
Well	Crabthorne Farm, Stubbington ...	Polluted.
Well	Whettams Cottage, Botley Road, Sarisbury	Satisfactory.
Well	Two cottages, Swanwick Lane, Sarisbury ...	Polluted.
Well	9-11 High Street, Titchfield ...	Unsatisfactory.
Well	Rose Cottage, Glen Road, Sarisbury ...	Satisfactory.
Tap	Sarisbury House, Titchfield ...	Satisfactory.
Well	1, 2 and 3 Red Lion Cottages, Swanwick ...	Satisfactory.

Milk and Dairies Order, 1926.

Although the re-construction and improvement of cowsheds continues, a small proportion still require alteration before I can report that every farm in the Area complies with the Milk and Dairies Order, 1926. This matter is, however, receiving our serious attention, and we shall not be satisfied until we can claim that all cowsheds are of this standard.

Three new entries on the Register were made during the year, but against this there were four removals, due in part to the rapid housing development.

The following tables shew particulars of Registration and details of work done :—

REGISTRATION.				
	1st Jan., 1937.	Registered.	Removed.	31st Dec., 1937.
Cowsheds ...	50	3	4	49
Dairies ...	18	5	1	22
Retail Purveyors	60	7	—	67

DETAILS OF WORK DONE.

	Defects		Notices Served	Remedied		In Pro- gress	Samples Taken
	Struc- tural	Clean- liness		Struc- tural	Clean- liness		
Cowsheds	14	6	20	7	6	2	8
Dairies	3	—	3	3	—	—	

Milk (Special Designations) Order, 1936.

Eight licences were issued by the County Council to producers of Accredited Milk, as follows :—

- House, C. H. & Sons, Privett, Alverstoke, Gosport. (Crofton Manor Farm, Stubbington.)
- House, C. H. & Sons, Privett, Alverstoke, Gosport. (Great Posbrooke Farm, Titchfield.)
- House, C. H. & Sons, Privett, Alverstoke, Gosport. (Rome Farm, Stubbington.)
- Parker, E. T., Charity Farm, Fareham. (Heytesbury Farm, Fareham.) Tuberculin Tested.
- Parker, E. T., Charity Farm, Fareham. (Spurlings Farm, Fareham.)
- Parrett, S. F., 112a Castle Street, Portchester. (The Dairy, Castle Street, Portchester.)
- Pink, S. J., Whitedell Farm, Fareham.
- Sims, L., Cams Alders, Fareham.

Every effort is made to interest producers in this scheme and I have visited three farms accompanied by the County Dairy Officer, where the Producers were considering the matter.

The following persons were licensed during the year to retail graded milk within the District :—

TUBERCULIN TESTED :

- Mr. F. Stay, Portland Dairy, West Street, Fareham.
- Mr. F. M. Hounsome, Park and Fleet End Dairies, Park Gate.
- Mr. H. F. Luff, Myrtle Villas, Fleet End, Warsash.
- Mr. W. W. Pearce, 76 West Street, Portchester.
- Mr. R. Rowlands, Park Gate Dairy, Hunts Pond Road, Sarisbury.
- Mr. H. Smith, Peel Farm, Peel Common, Fareham.
- Mr. Wm. Goodenough, 130 Gosport Road, Fareham.

Supplementary Licences.

PASTEURISED :

- Messrs. Streets Dairies, Ltd., 83-93 Duncan Road, Southsea.
- Messrs. C. H. House & Sons, Privett, Alverstoke, Gosport.

TUBERCULIN TESTED :

- Streets Dairies, Ltd., 83-93 Duncan Road, Southsea.
- Portsea Island Mutual Co-operative Society, 110 Fratton Road, Portsmouth.
- Messrs. Dyers Dairies, 71 Priory Road, Gosport.

Milk Special Designations Act. 1936.

LICENCES ISSUED.

	Tuberculin Tested			Pasteurised		
	1/1/37	New Licences	31/12/37	1/1/37	New Licences	31/12/37
Dealers' Licences	2	5	7	—	—	—
Sup'lem'try Licences	2	1	3	2	1	3

In three cases Retail Purveyors were found to be selling milk without a licence.

Meat and Other Foods.

There are 13 slaughterhouses in the District, 4 being licensed and 9 registered.

During the year 570 visits of inspection were made, many taking place during the evening hours.

The following table gives the percentage of animals examined in slaughterhouses in relation to the number slaughtered :—

	<i>Slaughtered.</i>	<i>Exam'd.</i>	<i>Percentage of the number slaughtered.</i>
Cattle	240	178	74.1%
Calves	367	160	43.5%
Sheep and Lambs	1138	476	40.0%
Pigs	2313	1791	73.0%

The above figures do not include carcasses examined in the shops.

The following is the quantity of diseased and unsound meat and other foods condemned during the year :—

6 bovine carcasses ; 12 pigs' carcasses ; 2 bovine heads ; 5 bovine livers ; 1 sheep's lungs ; 17 pigs' heads, plucks and intestines ; 19 pigs' plucks and intestines ; 22 pigs' heads ; 1 pig's leg ; 18 pigs' livers ; 2 pigs' mesenteries ; 1 pig's lungs ; 7 pigs' plucks ; 15 pigs' intestines ; 8 meat pies.

6 tins of gooseberries ; 18 tins of pears ; 1 tin of jelly fruit ; 2 tins of apricots ; 1 tin of raspberries ; 2 tins of tomatoes ; 3 tins of plums ; 4 tins of pineapple ; 1 tin of beans ; 1 tin of grapefruit ; 3 tins (un-named).

The Public Health (Meat) Regulations, 1924.

The requirements of the Regulations governing the slaughter of animals and the giving of notice of intention to slaughter were well observed during the year.

Slaughter of Animals Act, 1933.

The Act requires all slaughtermen to be licensed. 19 licences were issued during the year, and it was not found necessary to issue any warnings of breach of the provisions.

Shops.

During the year 405 inspections of the various foodshops were made. The general standard of our food supplies is satisfactory. All tradesmen readily comply with the requirements of the Public Health (Meat) Regulations, requiring all meat to be so placed as to prevent mud, filth, etc., from being splashed thereon.

Disinfestation of Verminous Premises.

Eradication of Bed Bugs, other vermin and insect pests is carried out by the use of ZALDECIDE solution applied by hand spray. Wherever possible, interior woodwork such as skirting boards, mantels, etc., are loosened or removed, thoroughly sprayed and replaced. Spraying is usually carried out on two occasions, with a lapse of 7-12 days between, although in some instances it has been found necessary to make three visits.

Total Premises Treated.	Whole House.		1-3 Rooms Only.		Total of Visits and Spraying.
	Discovered by Inspector	After Complaint	Discovered by Inspector	After Complaint	
24	6	3	14	1	69

INFESTATION :

<i>Bed Bugs.</i>	<i>Other Vermin.</i>	<i>Insect Pests.</i>	<i>Total.</i>
14	4	6	24

After spraying is completed, check visits are made at varying intervals, and of the 24 premises treated, 23 have been successfully cleared. Work is still proceeding at the remaining house where the success of the treatment is greatly hindered by the non-operation of the tenant in the matter of cleanliness.

Infectious Diseases.

Houses fumigated	...	...	...	...	156
Schools sprayed	...	...	...	...	88

Mosquitoes.

From May to October inclusive, weekly spraying with paraffin was carried out at all pools and ditches found to be breeding grounds for mosquitoes. This work is steadily increasing.

Complaints.

149 complaints were received, arising principally from defective drainage and cesspools, damp and defective houses, accumulation of refuse and the keeping of animals. Action was taken in 112 instances, 8 were referred to other Departments, and no action was found necessary in 29 cases.

97 nuisances were abated.

R. J. BAKER,

June, 1938.

Chief Sanitary Inspector.

URBAN DISTRICT COUNCIL OF FAREHAM. RURAL DISTRICT COUNCIL OF DROXFORD.

*To the Chairman and Members of the
Isolation Hospital Joint Committee.*

Mr. Chairman, Mrs. Dyke and Gentlemen,

I beg to present the Annual Report upon the work of the Isolation Hospital during the year ending 31st December, 1937.

Miss E. MacKenzie took over the duties of Matron from Miss E. Howard on the 31st March, 1937.

The number of admissions have been steadily increasing. 156 patients were admitted during the period under review, compared with 64 in 1932 and 50 in 1933.

The Committee has given this matter serious attention. The erection of a Cubicle Block is under consideration. The erection of a Porter's Lodge has been approved.

The Committee has decided to appoint an additional Nurse (Fever Trained) and a resident Cook ; whilst a between-maid was appointed during the year.

Patients were admitted from the Wards and Parishes as set out opposite :—

Diphtheria.

Of the 52 cases notified as Diphtheria, some were of a very virulent strain. With the exception of the two who died, they all made complete recoveries.

Regarding the two deaths, both cases were of the haemorrhagic type and having been ill 5 days, were dangerously ill on admission. One died in 24 hours and the other 50 hours after admission to hospital.

Of the cases notified as Diphtheria, 2 proved to be Scarlet Fever, 1 proved to be peritonsillar abscess, 6 Tonsillitis, 2 merely Carriers, 1 Tonsillitis in a Diphtheria Carrier and 1 Vincent's Angina.

Ward or Parish	Diph- theria	Scarlet Fever	K.L.B. Rhinor- rhoea	Wh. Cough and Brn. Pneu.
Crofton	—	1	—	—
Fareham East ...	24	19	—	—
Fareham West ...	12	27	2	—
Portchester	4	20	—	—
Sarisbury	—	7	—	1
Titchfield	9	7	—	—
Warsash	—	1	—	—
Boarhunt	—	—	—	—
Curbridge	—	—	—	—
Denmead	—	7	—	—
Durley	—	1	—	—
Hambledon	1	—	—	—
Shedfield	1	1	—	—
Soberton	—	—	—	—
Southwick and Widley	—	3	—	—
Upham	—	—	—	—
Wickham	1	7	—	—
Totals ...	52	101	2	1

TOTALS = 156.

Scarlet Fever.

The average case was not severe in type. One patient who had an unusually acute attack developed mastoid disease and was removed to the Portsmouth Infectious Diseases Hospital for operation. He has returned to convalesce.

One case notified as Scarlet Fever proved to be merely "a cold."

Whooping Cough.

One case of Whooping Cough was admitted, as he had severe Broncho-Pneumonia and required hospitalisation. The patient made a good recovery.

The Committee has decided that the present accommodation is insufficient for the admission of complicated Measles and Whooping Cough. I take this opportunity of again stressing the importance of providing hospital accommodation for the treatment of this type of case.

Patients Leaving the Hospital.

Legal proceedings were taken at the Court of Summary Jurisdiction against two Diphtheria patients (a man and wife) and a fine of £16 was imposed together with 15/- costs, for exposing persons to the risk of infection.

In conclusion, I wish to express my appreciation of the co-operation and support of the Members of the Joint Hospital Committee, as well as to my staff for their excellent work during the year.

I have the honour to be,

Mr. Chairman, Mrs. Dyke and Gentlemen,

Your obedient Servant,

W. F. TWINING McMATH,

Medical Superintendent.

February, 1938.

