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BOROUGH OF PUDSEY.

ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

FOR THE YEAR

1942.

E. ORMOND BOWIE,

L.A.H.I., D.P.H., L.M.





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T. Stillings and Sons, Ltd., Printers, Pudsey.

BOROUGH OF PUDSEY.

1942.

HEALTH COMMITTEE.

Chairman: COUNCILLOR D. V. HODGSON, J.P.

Deputy Chairman: COUNCILLOR J. PICKARD.

HIS WORSHIP THE MAYOR—Councillor Ernest Dufton, J.P.

Alderman R. OGDEN,

„ R. L. WYLDE.

Councillor J. W. BINKS,

„ T. CROFT,

„ G. P. JACKSON,

„ H. KEIGHLEY,

„ P. W. WOOD.

MATERNITY AND CHILD WELFARE SUB-COMMITTEE.

Members of the Health Committee, together with the following
co-opted Ladies:—

Mrs. H. MORTON,

Mrs. C. ROBINSON,

Mrs. S. MYERS,

Mrs. J. TORDOFF,

Mrs. C. A. PEARSON,

Mrs. S. WILCOCK.

BOROUGH OF PUDSEY.

STAFF OF THE PUBLIC HEALTH DEPARTMENT.

MEDICAL OFFICER OF HEALTH AND SCHOOL MEDICAL OFFICER.

E. O. BOWIE, L.A.H.I., D.P.H., L.M.

SENIOR SANITARY INSPECTOR AND CLEANSING SUPERINTENDENT.

H. FOSTER, M.R.San.L., M.S.I.A., A.R.P.S., Certs. (Smoke, Meat and Foods, Sanitary Science) R.S.I.

Sanitary Inspectors.

E. CHEATLE, M.R.San.I., M.S.I.A., Cert. (Smoke) R.S.I.

B. SHAW, C.R.S.I., M.S.I.A., L.A.R.P., Cert. (Meat and Foods) R.S.I.

Masseuse.

Miss N. F. HARRISON, C.S.M.M.G. (Appointed 1/1/42).

Health Visitors.

Miss N. RICHARDSON, S.R.N., S.C.M. (Resigned 12/3/42).

†Miss R. E. FAWCETT, S.R.N., S.C.M.

†Miss N. MATHER, S.R.N., S.C.M.

Mrs. G. M. HUGGAN, S.R.N., S.C.M. (Part-time).

†Miss M. CAVERS, S.R.N., S.C.M. (Appointed 5/8/42).

Municipal Midwives.

Mrs. A. L. JONES, S.R.N., S.C.M. (Re-appointed 14/3/42, resigned 31/10/42).

Miss L. HOLLAND, S.C.M. (Resigned 4/3/42, re-appointed 1/7/42, part-time).

Mrs. C. E. ORMANDY, S.R.N., S.C.M.

Mrs. M. RUST, S.R.N., S.C.M.

Miss M. WEST, C.M.B. (Appointed 1/3/42, resigned 30/6/42).

Miss G. A. SMITH, C.M.B. (Appointed 16/10/42).

Wartime Nursery Matron.

Miss E. MOORE, S.R.N., S.C.M. (Appointed 14/3/42).

Clerical Staff.

xJ. A. HIRST, Cert. S.I.B.

Mrs. A. M. PEET.

Miss N. W. McEVOY.

Mrs. BROOKSBANK (Resigned 31/1/42).

Miss R. BRAITHWAITE (Appointed 2/2/42).

xServing with H.M. Forces. †Health Visitor's Certificate.

Public Health Department,
St. Lawrence House,
PUDSEY.

**TO THE CHAIRMAN AND MEMBERS OF THE HEALTH AND
MATERNITY AND CHILD WELFARE COMMITTEES.**

Mr. Chairman, Ladies and Gentlemen,

I wish to present the Annual Report of the Medical Officer of Health for the year 1942.

The year has seen changes and improvements for the better and additions to the work in this Department.

Mrs. Peet remains with us, and the fifteen months experience in Public Health work has been of great benefit to her and to the Department. She now has an Assistant, Miss R. Braithwaite, who was appointed in February of this year.

The filing system in the office has undergone a complete revolution, and much time has had to be expended on this very necessary manoeuvre which is still in progress.

The additional Health Visitor has fully justified the step taken in this direction and the promise to appoint a fourth Health Visitor has been held over for the time being.

The Maternity and Child Welfare Centre at Tyersal was opened in August, and has filled a much needed want, saving mothers the long trail up to St. Lawrence House in Pudsey. The people of the Tyersal Estate greatly appreciate this act of the Corporation.

Miss Richardson resigned her appointment as Health Visitor on March 12th, and in August Miss Margaret Cavers filled the vacancy.

An entirely new departure in the activities of the Public Health Services has been the opening of the first Wartime Nursery in Pudsey. This Nursery is situated at Providence House, Sunfield, Stanningley, and was opened on March 31st. It has provision for 42 children (12 babies and 30 toddlers). Miss E. Moore was appointed Matron on March 14th. The success of the Nursery has been evident from its inception and the attendances have been going up steadily ever since.

I am pleased to say that at last I have been able to arrange the midwifery services with the help of the County Authorities, in a manner suitable to the scattered nature of this Borough, which I have now divided into four sections, each of which is in charge of a qualified Midwife. Further, the County Medical Officer, has told me, that the services of a relief Midwife will shortly be available, when arrangements pending are put into operation. This will help to relieve the difficulties experienced during the holiday periods, and to greatly assist this side of our work.

Miss Holland succeeded Mrs. Jones as Midwife but resigned owing to the difficulties she encountered, as she had no car, and Miss Mildred West filled the vacancy, but owing to experiencing the same difficulties as per predecessor she also tendered her resignation on June 30th, which I regret, as she was a very suitable Nurse.

It was now apparent to all those concerned that something must be done to alter the existing conditions along the lines set out by myself in 1941, and so Nurse Holland was again approached, and was re-appointed as part-time Midwife in July. She was placed in charge of the area comprising Tyersal Estate, Bolton Royd Estate, and that part of Thornbury within the Borough of Pudsey. In October Miss Gertrude Smith took over the duties of Midwife (whole-time) in the area which comprises Calverley, part of Rodley up to Bagley Lane, and the whole of the Ederoyd Estate.

This has now eased the position of the Midwifery work within the Borough and adequately serves every part of it. I would like to point out that Farsley has its own special District Nurse Midwife who does all the Midwifery work in that part of the Borough.

Another new feature was the opening of an Orthopaedic Clinic on January 1st, when Miss N. F. Harrison commenced her duties as Masseuse under the able guidance and direction of Mr. F. W. Goyder, the well-known Orthopaedic Surgeon. This Clinic has tackled the problem of Orthopaedics which was urgently in need of such attention. Miss Harrison has proved herself an able exponent of her profession. The equipment of this Clinic, owing to War conditions, has not yet been completed, especially that section that has to do with Ultra Violet Therapy. When this comes to hand the duties of the Masseuse will be such as to need the help of an Assistant.

The immunisation of Diphtheria still progresses, and a ready response is now being made to requests showing the growing confidence in the prophylactic treatment of this disease.

The Child Welfare Centres continue their good attendances, as do the Ante-Natal Clinics. The Post-Natal Clinics have almost ceased to function owing to the difficulty of getting mothers to attend once their baby has arrived safely and they themselves feel fit, well and confident.

I have pleasure in acknowledging the continued support of the members of the Public Health Staff, and that of my Professional Colleagues.

I have the honour to be,

Your obedient servant,

E. O. BOWIE.

SECTION A — STATISTICS AND SOCIAL CONDITIONS.

BIRTH RATES.

	1941	1942
Live Births (per 1,000 estimated population)	11.34	14.06
Still Births (per 1,000 live and still births)	38.01	30.87
Live and Still Births (per 1,000 estimated population)	11.79	14.51

DEATH RATES.

(per 1,000 estimated population).

	1941	1942
All Causes (Crude)	13.89	12.82
Phthisis	0.27	0.24
Respiratory Diseases	1.75	1.55
Cancer	1.82	1.75
Heart Disease	4.03	3.24
Puerperal Causes (per 1,000 live and still births):—		
Puerperal sepsis	0.00	2.37
Other puerperal causes	0.00	7.12
Death rate of Infants under one year of age:—		
All infants per 1,000 live births	39.5	49.01
Legitimate infants per 1,000 legitimate live births	41.1	40.81
Illegitimate infants per 1,000 illegitimate live births	0.00	125.00

COMPARATIVE STATISTICS 1942.

	Pudsey England and Wales.	
Birth Rate (per 1,000 resident population)	14.06	15.8
Stillbirth rate (per 1,000 resident population)	0.44	0.54
Infant Mortality Rate	49.01	49.
Maternal Mortality Rate:—		
(a) Puerperal Sepsis	2.37	0.42
(b) from other causes	7.12	1.59
Total (a and b)	9.49	2.01

Death Rates.

Per 1,000 Civilian population:—

All causes	12.82	11.6
Measles	0.03	0.01
Scarlet Fever	0.00	0.00
Whooping Cough	0.00	0.02
Diphtheria	0.13	0.05
Influenza	0.00	0.09

Per 1,000 Live Births:—

Deaths under 1 year of age	49.01	49.00
Diarrhoea under 2 years of age	0.00	5.2

SECTION B — GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.

1. STAFF.

The Staff of this Department has seen many changes during the year especially among the Midwives. The Clerical Staff is more stable and the Health Visitors have been strengthened by the appointment of Miss Cavers.

2. AMBULANCE SERVICE.

To facilitate the activities of this Service, arrangements have now been made with the West Riding County Council for the use of the permanent Civil Defence vehicles to assist in the removal of accident and medical cases to Hospital, and as the Medical Officer of Health is also the head of the Casualty Section of the Civil Defence Services, the new arrangements are easy to operate and work, as all the cars are garaged in one and the same place since the Borough vehicles were transferred from the control of the Fire Brigade Superintendent to that of the Medical Officer of Health.

For the removal of cases of infectious disease to the Isolation Hospital, a special Ambulance is available from Bradford City Health Department through the Calverley Joint Hospital.

The number of cases dealt with during 1942 is as follows:—

Accident Cases	346
Medical Cases	886
	<hr/>
	1232
	<hr/>

3. HOSPITAL ARRANGEMENTS.

The Council accept responsibility for the payment of the cost of treatment at Leeds Maternity Hospital in cases where, after examination at the Ante-Natal Clinics, the Medical Officer of Health considers that their confinement might be abnormal, or in cases sent to Hospital as an emergency by general practitioners. The cost is recovered from the patient according to the Council's scale of income.

In July of this year we were informed by the Leeds Maternity Hospital that owing to the pressure on the beds at this Hospital, certain types of Midwifery cases will be treated at St. James's Hospital, Leeds. This is now being done.

4. MIDWIFERY SERVICE.

The much needed improvements have now been completed. The Borough has been divided into four Sections as follows:—

Section.

1. Nurse Rust.

The whole of the left side of Lowtown going down to Houghside, and The Lanes to Richardshaw Lane, then to Stanningley Bottom, Cemetery Road, Owlcotes to Galloway Lane, Waterloo, Smalewell Road, Fulneck and the right hand side of Fartown going down to Roker Lane end.

2. **Nurse Ormandy.**

The whole of the right hand side of Lowtown down to Houghside, South Parade, Littlemoor, to Troydale, and the left hand side of Fartown going towards Roker Lane—the whole length of Roker Lane to Farnley boundary.

3. **Nurse Greenwood.**

Calverley, part of Rodley up to Bagley Lane, and the whole of the Ederoyd Estate.

4. **Nurse Holland (part-time).**

Tyersal Estate, the whole of Thornbury within the Borough boundary, and the whole of Bolton Royd Estate.

A Midwife is attached to each section as shown, the additional Midwife being a part-time appointment, so that there are now four County Council Midwives employed—three full-time and one part-time—and one District Nurse Midwife who attends to the Farsley District only.

The Midwives are available to act in the capacity of either Midwife or Maternity Nurse as required.

There is also the possibility of the services of a relief Midwife in the near future.

5. HEALTH VISITORS.

This section remains unchanged, the appointment of a fourth full-time Health Visitor being temporarily in abeyance, so that there are still four Health Visitors—three full-time and one part-time employed by the Borough Council.

6. NURSING IN THE HOME.

This is carried out by five District Nursing Associations as follows:—

Pudsey District Nurse Association,
Stanningley and Farsley District Nursing Association,
Calverley District Nursing Association,
Rodley District Nursing Association,
Bradford District Nursing Association.

The Pudsey Association looks after the whole of the Borough of Pudsey, the Stanningley and Farsley Association takes under its wing the whole of Farsley. The Farsley Nurse also undertakes attendance at maternity cases as either Midwife or Maternity Nurse. The Calverley Association embraces the whole of Calverley down to Brookfield Avenue, and the Rodley District Nurse practices in the Rodley area of the Borough under the auspices of the Rodley District Nursing Association, from and including Brookfield Avenue, the whole of Calverley Bridge and up to and including Bagley Lane. The Nurse from the Bradford Association serves the Tyersal Estate.

7. CLINIC ARRANGEMENTS. INFANT WELFARE.

A new Maternity and Child Welfare centre was opened on the Tyersal Estate in August, much to the delight and relief of the residents, so now a fourth Clinic has been added to help the mothers and babies in this Borough. Clinics are held here weekly as at the other

centres, namely at St. Lawrence House, Pudsey, Back Lane Methodist School, Farsley, and Chapel Street, Calverley.

The Medical Officer of Health attends personally at all the Clinics. Defects found, if of a minor character, are treated at the Clinics, otherwise the parent is referred to the family doctor for further attention.

The following attendances were made at the Child Welfare Centres during the year:—

<u>Name of Centre.</u>	<u>Total Attendances.</u>	
	<u>0—1</u>	<u>1—5</u>
Pudsey Clinic	2792	673
Farsley Clinic	2359	772
Calverley Clinic	682	638
Tyersal Clinic	206	86

8. ANTE-NATAL AND POST-NATAL CLINICS.

The Medical Officer of Health holds weekly Ante-Natal Clinics at Pudsey, Calverley and Tyersal. Expectant mothers are encouraged to attend the Ante-Natal Clinic once per month up to the eighth month and then weekly until delivery. Cases showing any abnormality are referred to the consultant obstetricians at Leeds Maternity Hospital.

All mothers attending the Ante-Natal Clinic and others who attend the Child Welfare Clinic for the first time within six weeks of delivery are advised to attend the Post-Natal Clinic, with I regret to say, but little success. This is very unfortunate, although every effort has been made to point out to mothers the great need for such attendance.

222 women attended the Ante-Natal Clinics during the year, and 3 attended the Post-Natal Clinics.

9. DENTAL TREATMENT FOR EXPECTANT MOTHERS.

Facilities are available whereby expectant and nursing mothers can obtain financial assistance towards the cost of dental treatment by their own dentist, the amount of assistance allowed being decided according to a scale based on family income.

10. ORTHOPAEDIC CLINIC.

This Clinic opened its doors on New Year's Day, and has shown much progress. Miss N. F. Harrison, C.S.M.M.G., is the Masseuse, and Mr. F. W. Goyder, the Specialist in charge. The equipment, owing to War conditions, is not yet completed. There were 2378 attendances at this Clinic during the year.

11. DIPHTHERIA IMMUNISATION.

The progress referred to in my last Report, and which then showed every sign of increasing, has been maintained. The mothers are gradually losing their distrust and fear and are presenting their children more readily for treatment.

12. DISTRIBUTION OF FRUIT JUICES AND CODLIVER OIL.

The distribution of Fruit Juices and Cod Liver Oil continues at the various Infant Welfare Clinics in the Borough.

In accordance with Ministry of Health Circular 2609 a new procedure came into operation on April 1st when the free general issue of these preparations ceased, and such preparations are now issued free only to children whose parents income is within the present limits prescribed under the National Milk Scheme. The charge for vitamin preparations for eligible children who are not entitled to free issues will be:—

- Codliver Oil 10d. per bottle (6 weeks supply).
- Black Currant Syrup 5d. per bottle (2 weeks supply).
- Orange Juice 5d. per bottle (2 weeks supply).
- Black Currant Puree 2½d. per tin (1 weeks supply).

Supplies of Codliver Oil are restricted to children who have not attained the age of five years, and supplies of fruit juices to children who have not attained the age of two years.

In July supplies of fruit juices were allowed for children up to three years of age, and in December children up to five years of age were allowed to have these.

In December Cod Liver Oil and fruit juices were made available to expectant mothers on the same terms as to children under five.

SCABIES.

The incidence of this disease is by no means marked. A cleansing station has however been established in the Borough at the Baths First-Aid Post, and with the co-operation of the local medical practitioners, persons infected are directed to attend for treatment. 119 cases were treated at this Centre during the year, the worst months being Septemebr, October, November and December, when 34, 11, 29 and 11 cases respectively were cleansed.

TUBERCULOSIS.

The Borough of Pudsey is not a local supervising authority for Tuberculosis. All cases coming within the Borough are notified to the Medical Officer of Health who in turn notifies them to the County Medical Officer. 21 cases were notified during the year.

VENEREAL DISEASES.

This is a matter that is dealt with by the County Medical Officer of Health, and any details will appear in his Annual Report. No cases have been reported to this authority.

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

**NOTIFICATIONS OF INFECTIOUS DISEASES RECEIVED
DURING 1942.**

Paratyphoid	1
Scarlet Fever	58
Diphtheria	28
Acute Pneumonia	17
Cerebro Spinal Fever	3
Dysentery	4
Erysipelas	6
Tuberculosis (a) Respiratory	9
Tuberculosis (b) Other Forms	14
Measles	219
Whooping Cough	64
Ophthalmia Neonatorum	3
Total	426

Cases of Infectious Diseases admitted to Hospital:—

Scarlet Fever	54
Diphtheria	27
Cerebro Spinal Fever	3
Enteric Fever	1
Dysentery	1
Erysipelas	1
Total	87

SECTION C — SANITARY CIRCUMSTANCES OF THE AREA.

SEWAGE DISPOSAL.

I am indebted to Mr. Basil H. Noble, Borough Surveyor, for the following report regarding Sewage Disposal in the borough.

1. The sewage is dealt with in four portions:—

- (a) Houghside Sewage Works consists of detritus tank, precipitation tanks, storm tank, percolating filters, humus tanks and land treatment. Milk of lime is used as a precipitant and sludge is disposed of on drying beds.

- (b) Smalewell Sewage Works consists of precipitation, storm water and humus tanks with filtration by percolating and land filters. Sludge is disposed of on drying beds and aluminoferric is used as a precipitant.
- (c) Sewage from Farsley, and
- (d) Calverley is treated at the Rodley Works of the Leeds Corporation.

Sewage Flow for 1942.

	Houghside. Gallons.	Smalewell. Gallons.
Total volume treated	288,830,000	78,286,000
Average daily flow	791,300	215,660
Average week-day flow	837,096	216,880
Avg. week-day dry weather flow	684,600	159,000
Avg. Sunday dry weather flow	491,000	154,500

Rainfall (Houghside) 24.04 inches.

Composition of Sewage.

Mainly domestic in origin and contains approximately 50% trade waste at Houghside Works, and 20% trade waste at Smalewell Works.

Strength of Sewage.

The sewage at Houghside Works absorbs more than 15 parts per 100,000 of oxygen from acid $KMnO_4$ in four hours and is, therefore, classed as very strong. At Smalewell Works the sewage is bordering on strong (O_2 absorption = 12/100,000).

Character of Sewage.

The sewage at Houghside Works is a very difficult one from a treatment point of view in so far as it is highly colloidal, a feature which renders essential the use of precipitants, but which at the same time restricts the choice of precipitant which will achieve satisfactory results. The main trade wastes which give the sewage this undesirable feature are discharges from woollen mills, tanneries, and grease works. The sewage at Smalewell Works responds fairly readily to normal treatment. Difficulty with irregular trade waste flushes is experienced.

Average Analyses for 1942.

Parts per 100,000 of O_2 absorbed from acid $KMnO_4$, in four hours:—

Houghside—			
Crude Sewage	16.02		
Tank Effluent	4.38	= 72.65%	Purification.
Humus Effluent	2.87	= 82.84%	Purification.
Final Effluent	1.84	= 88.51%	Purification.

Smalewell—			
Crude Sewage	12.10		
Tank Effluent	3.83	= 68.34%	Purification.
Humus Effluent	1.52	= 87.43%	Purification.
Final Effluent	1.10	= 90.90%	Purification.

West Riding Rivers Board.

No serious complaints of the condition of the works or of the state of the final effluent have been received.

WATER SUPPLY.

The water supply of the Borough is obtained from the City of Bradford Waterworks Department.

The water is received into the town's mains in a pure and wholesome state, and receives no further treatment in the borough. Covered service reservoirs are provided at Pudsey and Calverley.

During 1942 the Pudsey Waterworks Department carried out the following work:—

- (a) 26,680 visits paid to houses during waste inspections.

Consumption of Water.

	Year ending	March 31st.
	Gallons.	Gallons.
	1942/3	1941/42
Domestic Supply	191,568,000	208,938,000
Trade Supply	81,866,000	81,938,000
Total Consumption	<u>273,434,000</u>	<u>290,876,000</u>

REFUSE COLLECTION AND DISPOSAL.

It is estimated there are 8,946 dustbins, 265 ashpits, 123 privies and pail closets, and 24 cesspools in the Borough.

The fleet of vehicles of the department comprises one Fordson 2-tonner, three Karrier Bantam 30cwt. collectors, and one Austin 3-ton tipper.

During the year, 230,398 dustbins, 1,251 ashpits, and 1,534 privies or pail closets, were emptied and the estimated total cost of the Refuse Collection and Salvage service was £4,545.

Tipping on controlled lines was carried out at Rodley Fold, Houghside (adjoining Sewage Works), and at Tyersal.

Salvage operations were conducted in conjunction with refuse collection and I draw your attention to the remarks made by the Senior Sanitary Inspector in his portion of this report regarding this important work.

SANITARY INSPECTION OF THE AREA.

There has been a gradual deterioration in the condition of house property in the borough, mainly due to the difficulties of obtaining labour and materials to carry out essential repairs.

Unless some measures are taken by the Government in the near future to make available labour and materials to property owners, the number of complaints made by occupiers as to the presence of housing defects and nuisances is bound to increase, and Pudsey, like other local authorities, will be faced with a post-war problem which will be extremely difficult to solve.

No statutory action was taken under the Housing Acts in view of the problems already mentioned but much valuable work was done by the Sanitary Inspectors in effecting essential repairs to dwelling-houses.

Although an increase in the number of bug-infested premises was noted, the position in the Borough regarding vermin infestation is by no means serious. Disinfestation measures are applied to Council premises without delay and every effort is made to induce owners of property to carry out thorough and prompt disinfestation should vermin be discovered.

I refer you to the Senior Sanitary Inspector's report for details of the extensive amount of inspection work carried out during the year.

BOROUGH OF PUDSEY.

ANNUAL REPORT

of the

SENIOR SANITARY INSPECTOR

FOR THE YEAR

1942.

H. FOSTER, M.R.San.I., M.S.I.A., A.R.P.S., Certs.
(Smoke, Meat and Foods, Sanitary Science) R.S.I.

Sanitary Department,
5, Manor House Street,
Pudsey.

**REPORT OF THE SENIOR SANITARY INSPECTOR FOR THE
YEAR 1942.**

To the Medical Officer of Health, Pudsey,
Sir,

It is with pleasure that I submit my annual report on the work of the Sanitary Department for the year 1942.

In this, my third report since I took up office in Pudsey, I am able to report that progress has been made in all sections of the department.

I am deeply appreciative of the interest shown by the Chairman (Coun. D. V. Hodgson), the Deputy Chairman (Coun. J. T. Pickard) and members of the Health Committee, and the progress made has been due in a large measure to their unfailing co-operation, and I thank them for the support they have accorded me.

Sanitary Department.

Mr. E. Cheatle, Additional Sanitary Inspector, resumed duties in April after service in H.M. Forces.

It was thus possible to devote much more attention to routine inspections of premises and this can be clearly seen by the increased number of inspections made during the year. I draw your attention in particular to the inspections made to cowsheds and dairies, and food premises, and to the sampling of milk carried out for chemical analysis and bacteriological examination.

Difficulties were again experienced in securing speedy abatement of nuisances where repairs were required owing to the "labour shortages" of local contractors and shortage of materials. This position can be expected to become more acute still as the war progresses.

A large amount of foodstuffs was examined for unfitness resulting in the condemnation of a large proportion. It is to be deprecated in these times that large quantities of foods, particularly canned goods, are allowed to deteriorate, apparently due to prolonged storage or to storage in unsuitable premises.

In co-operation with the Waterworks Department, samples of water from suggested emergency supplies were obtained. The bacteriological examination and the chemical analysis of these samples showed the presence of reasonably pure supplies which could be readily made available to the public.

During the year the inspection of factories under Section 34 of the Factories Act, 1937, was completed, and all factories now comply with the Act and have been issued with the necessary certificates.

Salvage Scheme.

Records were made in salvage collection. During the year 269 tons 16½ cwts. Paper, 14 tons 15½ cwts. Iron, 114 tons 2 cwts. Tins, 5½ cwts. Non-Ferrous Metals, 5 tons 18 cwts. Rags, 6 tons 14 cwts. Bottles and Jars, 3 tons 5 cwts. Bones. The income from the sale of these materials realised £1,894-7-5.

The total number of stewards enrolled in the local scheme was 377, a gratifying figure indeed. My thanks are due to all who have worked so hard in a voluntary capacity in assisting the Corporation to play its part in the great national salvage effort.

One does realise by studying the salvage figures how wasteful we, as a nation, had become and it is to be hoped that never again will the throwing of every unwanted article into the dustbin become a national habit.

A direct collection of kitchen waste was commenced towards the end of the year and for this purpose 450 bins were placed conveniently for householders throughout the Borough. An additional vehicle was obtained for the purpose of collection and all kitchen waste so collected delivered to Leeds for sterilisation and concentration. Previously, local pig-keepers and farmers collected swill under the Council's scheme and an estimated amount of 108 tons has been secured for the feeding of local livestock.

The use of Rodley tip for paper baling and salvage separation was discarded as it was found impracticable to carry out successful salvage operations in inclement weather. Accordingly, a salvage depot was opened at Lorriman's Fold, Greenside, where adequate facilities exist for salvage operations and for storage. This move resulted in much greater efficiency.

Refuse Collection Services.

As I pointed out in my last report, the collection of salvage is pre-eminent in the work of this section, but every attempt has been made to maintain a ten-day collection of house refuse. This, in the majority of cases, has proved to be more than adequate as the separation of salvage by householders makes for a very small proportion of "refuse"—chiefly ashes.

The use of garages in the Highways Yard, Pudsey, and at Calverley Highways Depot was discontinued by this department and all vehicles were depoted at Lorriman's Fold, Greenside. This enabled a better check to be made of the movements of vehicles and workmen.

The shortage of adequate labour became more acute as the year progressed due to calling-up of men for H.M. Forces, &c.

Wartime Duties.

The department has been saddled with many extra duties, all of which have been willingly borne by the existing staff. These include the control of the service for the treatment and disposal of foodstuffs contaminated by gas, the decontamination of roads, &c. after enemy gas attack and the cleansing and disinfection of public air raid shelters.

In conclusion, I take this opportunity of thanking my staff for the energies they have expended for the benefit of public health and for the loyalty they have given me.

H. FOSTER, Senior Sanitary Inspector.

Shops Acts.							
Hours of closing	...	...	...	...	...	...	2
Forms	...	...	...	...	...	...	3
Health, etc. (Sec. 10, 1934)	...	...	...	...	...	...	3
							<hr/> 8
Petroleum Acts.							
Petroleum stores	...	...	...	...	...	...	7
							<hr/> 7
Rats and Mice (Destruction) Act.							
Rat infestation and revisits	...	...	...	...	...	...	102
Mice infestation and revisits	...	...	...	...	...	...	14
							<hr/> 116
Diseases of Animals Acts.							
Swine fever — visits and revisits	...	...	...	...	...	...	29
Boiling of swill — for licences	...	...	...	...	...	...	5
							<hr/> 34
Rent Restriction Acts.							
Inspections for certificates	...	...	...	...	...	...	1
							<hr/> 1
Miscellaneous Visits.							
Reinspections where notices in force	...	...	...	...	...	...	1728
Interviews with owners, contractors, etc.	...	...	...	...	...	...	1298
Works in progress	...	...	...	...	...	...	145
Tips and depot	...	...	...	...	...	...	508
Refuse and salvage collection	...	...	...	...	...	...	743
Meetings and deputations	...	...	...	...	...	...	63
Civil Defence duties	...	...	...	...	...	...	536
Air raid shelters	...	...	...	...	...	...	6
“Railings” removal and survey	...	...	...	...	...	...	64
Other visits	...	...	...	...	...	...	343
							<hr/> 5434
Total number of visits and inspections	...	...	...	...	...	...	8562
Notices.							
Informal notices served	...	...	...	...	...	...	634
Informal notices complied with	...	...	...	...	...	...	270
Statutory notices served	...	...	...	...	...	...	125
Statutory notices complied with	...	...	...	...	...	...	65
Statutory notices complied with in default	...	...	...	...	...	...	20
Statutory notices allowed to lapse	...	...	...	...	...	...	11
Notices outstanding 31/12/41, Informal 71, Statutory 9							
Notices outstanding 31/12/42, Informal 310, Statutory 38							

Work carried out in compliance with notices.

Drains cleared	...	...	...	...	...	...	...	35
Drains repaired	...	...	...	...	...	...	...	16
Drains reconstructed	...	...	...	...	...	...	...	14
Waterclosets repaired	...	...	...	...	...	...	...	15
New waterclosets installed	...	...	...	...	...	...	...	3
Sanitary accommodation improved	...	...	...	...	...	...	...	1
Privy middens repaired	...	...	...	...	...	...	...	2
Privy middens abolished	...	...	...	...	...	...	...	3
Water service pipes repaired	...	...	...	...	...	...	...	2
Sink wastepipes repaired	...	...	...	...	...	...	...	8
New sinks provided	...	...	...	...	...	...	...	11
Rainwaterpipes and eavesgutters repaired	...	...	...	...	...	...	...	11
Roofs repaired	...	...	...	...	...	...	...	34
Walls, pointing, etc. repaired	...	...	...	...	...	...	...	5
Dampness remedied	...	...	...	...	...	...	...	4
Chimney flues repaired	...	...	...	...	...	...	...	1
Fireplaces repaired	...	...	...	...	...	...	...	10
Smoke nuisances remedied	...	...	...	...	...	...	...	6
Dustbins provided	...	...	...	...	...	...	...	162
Accumulations removed	...	...	...	...	...	...	...	6
Other nuisances remedied	...	...	...	...	...	...	...	1
Dirty premises cleansed	...	...	...	...	...	...	...	4
Dairies cleansed	...	...	...	...	...	...	...	1
Houses disinfested — other than HCN	...	...	...	...	...	...	...	4
Plasterwork repaired	...	...	...	...	...	...	...	12
Cellar steps repaired	...	...	...	...	...	...	...	1
Windows repaired	...	...	...	...	...	...	...	7
Floors repaired	...	...	...	...	...	...	...	5
Washboilers repaired	...	...	...	...	...	...	...	3
Rent book information completed	...	...	...	...	...	...	...	6

Unsound Food Surrendered for Disposal.

458 tins of Vegetables	— Decomposition.
306 tins Meats	— Decomposition.
215 tins Milk.	— Decomposition.
303 tins Fruit	— Decomposition.
40 tins Prepared Meals	— Decomposition.
71 tins Soup	— Decomposition.
70 tins Fish	— Decomposition.
2 tins Jam	— Decomposition.
1946 tins Pudding Mixture	— Decomposition.
4296 Eggs	— Decomposition.
293lb. Beef	— Decomposition.
3lb. 6oz. Butter	— Decomposition.
10lb. Cheese	— Decomposition.
127 $\frac{1}{4}$ lb. Bacon	— Decomposition.
16lb. Dried Fruit	— Decomposition.
18cwt. Dried Peas	— Decomposition.
2lb. Oranges	— Decomposition.
140lb. Apples	— Decomposition.
31 $\frac{1}{2}$ stones Onions	— Decomposition.
2 pigs' livers	— Tuberculosis.
3 pigs' heads and tongues	— Tuberculosis.
2 pigs' lungs and hearts	— Tuberculosis.
1 pig's spleen	— Tuberculosis.
1 pig's liver	— Cirrhosis.
1 pig's liver	— Pneumonia.

H. FOSTER, Senior Sanitary Inspector.



