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WORKSOP BOROUGH COUNCIL.

A N N U A L R E P O R T.

OF THE

MEDICAL OFFICER OF HEALTH.

for the year 1941


T. C. GARRETT, M.B., C.M.

including

THE REPORT OF THE SANITARY INSPECTOR.

T.H. MILLAR, F.S.I.A., M.R.S.I., A.M.I.P.C.





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WORKSOP BOROUGH COUNCIL.

ANNUAL REPORT FOR THE YEAR 1941.

Public Health Department,
"Park House",
Park Street,
WORKSOP.

To:
The Mayor, Aldermen and Councillors
of the Borough of Worksop.

Gentlemen,

I have the honour to submit to you my Annual Report on the health and sanitary conditions of the District, together with the Report of the Chief Sanitary Inspector, for the year 1941.

It has been compiled in accordance with the instructions issued by the Minister of Health, in Circular 2314.

I am, Gentlemen,

Your obedient Servant,

T. C. GARRETT.

Medical Officer of Health.

November, 1942.

REPORT.

of the Medical Officer of Health for the year 1941.

GENERAL STATISTICS.

Area in acres: 17,935.
Population at census 1931: 26,286.
Population estimated for 1941 (Registrar General's): 29,440.
Number of inhabited houses: 7,736.
Rateable Value: £160,665.
Sum represented by a penny rate: £632. 4. 1d.

Extracts from vital statistics of the year.

BIRTHS.

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Legitimate:	238	234	472.
Illegitimate:	15	10	25.
	<u>253.</u>	<u>244.</u>	<u>497.</u>

Birth rate per 1,000 of estimated population: 16.9

Stillbirths: Males 12, Females 4. = Total 16.
Rate per 1,000 total (live and still) births: 31.4

DEATHS (Resident).

<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
139.	142.	281.

Death rate per 1,000 of estimated population: 9.5

Infant Deaths (under 1 year)

	<u>Males.</u>	<u>Females.</u>	<u>Total.</u>
Legitimate:	16	15	31.
Illegitimate:	2	1	3.
	<u>18.</u>	<u>16.</u>	<u>34.</u>

Infantile Mortality rate per 1,000 live births: 68.

Maternal Deaths:

from:

	<u>Rate per 1,000 total</u>
	<u>(live and still) births.</u>
Puerperal and post abortive sepsis: 2.	3.9
Other Maternal causes: 2.	3.9
	<u>7.8</u>

TABLE 1 gives the cause of death of all residents, and the numbers under each heading. In conjunction with the table I have given in tabular form, some comparative figures for the year 1939, and the first two complete years of the war. These figures indicate, in a general way, that the health standard of the District has not suffered to any noticable extent, under war conditions.

TABLE 1. Causes of Death - Worksop Borough - 1941.

	Males.	Females.	Total.
Cerebro Spinal Fever.. .. .	-	1	1.
Whooping Cough.. .. .	1	-	1.
Tuberculosis of Respiratory System ..	8	6	14.
Other forms of Tuberculosis. ..	-	2	2.
Syphilitic Diseases.. .. .	2	1	3.
Influenza.. .. .	3	3	6.
Measles.. .. .	1	-	1.
Cancer of Stomach and Duodenum ..	-	3	3.
Cancer of Breast	-	4	4.
Cancer of all other sites	14.	6.	20.
Diabetes.	1	1	2.
Intra Cranial Vascular Lesions ..	10	13	23.
Heart Disease	35	36	71.
Other Diseases of Circul. System.. ..	5	2	7.
Bronchitis	4	8	12.
Pneumonia.. .. .	8	9	17.
Other Respiratory Diseases.. ..	-	1	1.
Ulcer of Stomach or Duodenum ..	1	2	3.
Diarrhoea, under 2 years	-	1	1.
Appendicitis	-	1	1.
Other Digestive Diseases	6	3	9.
Nephritis.. .. .	2	2	4.
Puerperal and Post Abort. Sepsis.. ..	-	2	2.
Other Maternal Causes.	-	2	2.
Premature Birth.	4	1	5.
Congenital Malformation, Birth Injury ..	7	4	11.
Suicide.. .. .	1	-	1.
Road Traffic Accidents	2	1	3.
Other violent Causes.. .. .	8	4	12.
All other Causes	16	23	39.
	139.	142.	281.

<u>Births.</u>	<u>Total.</u>	<u>Rate per 1,000 Pop.</u>	<u>Illegitimate Births.</u>	<u>Stillbirths.</u>
1939.	539.	18.3	24.	31.
1940.	594.	17.0	21.	26.
1941.	497.	16.9	16.	31.

<u>Deaths.</u>	<u>Total.</u>	<u>Rate per 1,000 Pop.</u>	<u>Infant Deaths.</u>	<u>Rate per 1,000 Births.</u>
1939.	321.	11.0	29.	53.
1940.	374.	13.0	41.	80.
1941.	281.	9.5	34.	68.

Vital Statistics - 1941. Comparative rates.

	Annual rate per 1,000 of Populat.			Death rates per 1,000 live births.		Notifications - rates per 1,000 population.			
	Live Births	Still Births	Deaths all causes	Diarrhoea and Enteritis under 2 years.	Deaths under 1 year.	Scarlet Fever.	Diphtheria	Measles	Whooping Cough.
England & Wales	14.2	0.51	12.9	5.1	59	1.47	1.25	10.33	4.3
126 C.B's, and Great Towns, inc. London.	14.7	0.58	14.9	7.5	71	1.49	1.53	8.27	4.3
148 smaller Towns pop; 25,000-50,000	16.4	0.60	13.0	4.6	56	1.51	1.19	10.47	4.5
London, Admin. County.	8.9	0.33	16.3	6.8	68	1.01	0.93	4.77	3.3
Workshop.	16.9	0.33	9.5	2.04	68	1.47	1.25	10.3	4.3

MATERNITY AND CHILD WELFARE.

A detailed report of the work during the year was made to the Committee in February, and a copy sent to the Ministry of Health as directed.

The work of the Department has been maintained and extended, in spite of difficulties due to incomplete staff, and the imposition on the Department of new duties, arising out of war conditions. These include:-

- Issue of Clothing Coupons for Expectant Mothers.
- Issue of Fruit Juice and Cod Liver Oil for young children.
- Issue of Certificates for conditions qualifying for priority claims on liquid milk supply.
- Supervision of health of children in two Nursery Schools at Bridge Street and Eastgate.
- Supervision of health of children in two hostels for Evacuee children established at 31, Blyth Road (accommodation 16 beds) and at the Nook (19 beds).

During the year there was a considerable increase in the number of Expectant Mothers applying for Hospital Maternity Beds, under the Council's scheme, on account of unsuitable home conditions, which condition mainly arises from overcrowding, due to want of housing accommodation.

Return made to the Ministry of Health, showing the arrangements made for Maternity and Child Welfare, by the Council, and giving particulars of the work done during the year 1941.

Population served by the Council as Welfare Authority 29,440.

Number of Births notified during the year:-

Live births: 497, Stillbirths: 10, Total: 507.
Notified by Midwives: 449, by Doctors: 58.

Number of Health Visitors employed ~ 2.

Number of visits paid during the year by Health Visitors:	
To expectant mothers	First visits 177.
	Total " 276.
To children under 1 year	First visits 463.
	Total " 2,575.
To children between 1-5 years	Total " 6,319.

Infant Welfare Centres. ~ 1.

Total number of children who first attended the Centre during the year, and who, at the end of the year were:-

Under 1 year of age 358, between ages 1-5 years 88.

Total number of children under 5 years who attended the Centre during the year, and who at the end of the year were:-

Under 1 year of age 288, over 1 year of age 317.

Ante-Natal and Post Natal Services.

Number of Clinics provided and maintained by the Council ~ 1.

Total number of Women who attended the Clinic during the year 234,
46% of total live and stillbirths.

Supply of Milk and Food. (otherwise than under the National Milk Scheme)

Terms of supply:- at cost price to expectant and nursing mothers,
and children under 5 years.

Total quantity of milk supplied during the year ~ 11,838 lbs.

Number of Women sent by the Council to Maternity Institutions = 35.

Victoria Hospital	13.	£72.	4.	0.
Kilton Hill County Hospital.	20.	£141.	11.	3.
Mansfield Institution.	1.	£3.	6.	3.
Basford Institution.	1.	£3.	10.	8.
		£220.	12.	2.
Doctors Fees Victoria Hospital.		23.	8.	0.
Anæsthetics " "		7.	7.	0.
		£251.	7.	2.

Maternal Deaths = from Sepsis 2, other causes 2.

All of these cases died in Hospital.

Maternal death rate (per 1,000 live and still births) = 7.8

Deaths in Infants under one year of age = 1941.

	Under 1 week.	1 to 2 weeks.	2 to 3 weeks.	3 to 4 weeks.	Total under 4 weeks.	4 weeks and under 3 months.	3 months and under 6 months.	6 months and under 9 months.	9 months and under one year.	Total under one year.
Broncho-Pneu.						1	6	2		9.
Bronchitis.							1	1		2.
Congenital Deformity.	4				4	1				5.
Debility	1				1					1.
Premature Bth.	2				2					2.
Marasmus.										
Convulsions.	1	1			2	1				3.
Enteritis.						1				1.
Asphyxia Neonatorum.	1				1					1.
Other Causes.	1	1			2	1	5	2		10.
	10.	2.			12.	5.	12.	5.		34.

Maternity Outfits: Sold 3, given 8.
Number of home helps provided - 4.

Dental Treatment (Mothers)

10 expectant mothers, recommended for Dental treatment from the Ante-Natal Clinic, have had the treatment completed, and the accounts have been received. In 8 of these cases, new dentures were provided. In 10 additional cases referred for treatment, estimates of the cost have been received, but treatment has not been accepted.

Day Nurseries - provided by the Council under Circular 2383 (Board of Education, 1953), working in the area at the end of year - 1.

Infectious Diseases - No. of cases notified - Puerperal Pyrexia - 4.
Measles in children under 5 years - 396.
Whooping Cough " " " " - 163.

Child Life Protection - Number of persons who were receiving children for reward - 5.
Number of children - 5.

Orthopaedic Treatment - Children under 5 years.

Number of new cases referred to the Clinic in the year - 13.

Number of old cases attending the Clinic for treatment - 18.

Tonsils and Adenoids - Children under 5 years.

6 Children were treated at the Victoria Hospital in the year, and the accounts for each (£1.11.6d), were met by the Council.

Clothing Coupons for Expectant Mothers.

Since this issue began on August 11th, 269 mothers received 50 coupons each. Total number issued - 13,450.

Free Issue of Fruit Juices and Cod Liver Oil, to children up to 2 years, began on 9th December. Amount issued up to 31st December:-

143 bottles of Cod Liver Oil.

54 bottles of Black Currant Syrup.

229 Cans of Black Currant Puree.

Deaths in Infants under 1 year (1941).

Number of deaths in children under 1 year was 34.

Infantile mortality rate per 1,000 live births - 68.

9 of the deaths were due to respiratory diseases, during the first 4 months of the year (26%). Only 8 deaths were due to Premature Birth and Congenital diseases. There were no deaths from Infectious diseases.

Illegitimate Births numbered 25. (Male 15, Females 10.)

Illegitimate deaths under 1 year numbered 3. (Males 2, Females 1.)

Judging from reports from Health Visitors, and from my own experience, I can find little evidence of malnutrition, or deficiency diseases among our children of 1-5 years; and, the proportion of the death due to Premature Birth, Debility and Congenital conditions, is less than the records in recent previous years.

Immunisation of Children against Diphtheria.

A scheme for carrying out this work was prepared and sanctioned by the Council in January. The actual work began in February - first in the Elementary schools, and, in June the children in the age group 1 - 5 years. At the end of the year the total number of children who had received complete treatment was:-

aged 1 - 5 years	291	=	21.5% of estimated number.
aged 5 - 15 "	3,499	=	70.8% of estimated number.

The target given by the Ministry of Health, which is necessary to afford protection to the community, is that 3 out of every 4 of our child population should be immunised. For children of school age this has been accomplished already, but for the age group 1 - 5 the figure is still below 50%.

The difficulties with this group, experienced in our district, prevail in all other districts of the County, and are mainly due to lack of interest in the welfare of their children, among that section of parents who fail to take advantage of the Health services provided by the Council, and it is this part of our child population which most urgently needs protection. Further efforts in the form of propaganda and personal appeal will have to be continued, if an effective standard of protection is to be obtained for our children. If this large number of unprotected children at the age of 5 years, continue to enter our schools, they will always be a menace to the school population and the rest of the community.

Notification and Control of Infectious Diseases.

A few cases of Scarlet Fever were notified in every month of the year. They were all of a mild type, and all except 3 were removed to Hospital.

The cases of Diphtheria notified (19 in all) were also of a mild type, and were all treated in Hospital. Neither Scarlet Fever or Diphtheria assumed epidemic form throughout the year.

A severe epidemic of Measles occurred in the early months of the year, and Whooping Cough was notified in every month, and in epidemic form from May to September, but only one death was registered.

Notifiable Infectious Diseases. 1941.

(Other than Tuberculosis).

			Total cases Notified.	Cases admitted to Hospital.	Deaths.
Scarlet Fever..	..	..	27.	24.	..
Diphtheria ..	..	..	19.	19.	..
Puerperal Pyrexia.	..	..	4.	..	..
Pneumonia ..	..	..	15.	..	17.
Erysipelas ..	..	..	3.	1.	..
Measles..	..	..	698.	..	1.
Whooping Cough.	..	..	256.	..	1.
			1,022.	44.	19.

TUBERCULOSIS.

Tuberculosis - 1941.

New Cases and deaths.

Age Periods.	NEW CASES.				DEATHS.			
	Pulmonary.		Non-Pulmonary		Pulmonary.		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
0 .....	..	..	..	..	..	..	..	..
1 .....	..	..	..	3	..	..	..	1
5 .....	..	1	2	1	..	2	..	1
15	1	4	..	..	1	1	..	..
25	6	2	..	..	1	2	..	..
35	5	..	..	1	3	1	..	..
45	2	1	1	..	3	..	..	..
55	1	..	..	..	..	..	..	..
65 and over.	2	..	..	..	..	..	..	..
	17.	8.	3.	5.	8.	6.	..	2.

Tuberculosis. 1941.

For comparison, I append the rates for 1939 (pre-war), and the years 1940 and 1941.

	<u>Notifications.</u>	<u>Deaths.</u>
1939.....	35.	22.
1940.....	25.	22.
1941.....	33.	16.

Sanitary Circumstances of the Year.

The scavenging work, sewage system and water supply continue as detailed in previous reports.

Under the direction of the Borough Engineer, the sewage system and water supply have been maintained in satisfactory condition. Reports on the analysis of samples taken from the water supply, were satisfactory both chemically and bacteriologically.

The routine inspection of the district has been carried out so far as the depleted staff of the Inspector was able to cover the ground, in face of the many new duties imposed on his department, by war conditions.

Particulars of inspections will be found in the Inspector's report relating to:-

Housing.

Inspection of meat and other foods, and premises where food is prepared.

Factories and Workshops.

Cowsheds and Dairies.

The following milk samples were taken in the year:-

Fresh Milk.

Methylene Blue Test: 25 samples, of which 15 were satisfactory and 10 unsatisfactory.

Pasteurised Milk.

Bacteria Count 2 samples = satisfactory 2.

Phosphatase Test 3 samples = satisfactory 3.

Food and Drugs Act.

Mr. E. Templeman, Chief Inspector, Nottinghamshire County Council, kindly forwarded his report for the year 1941, with regard to samples of Food taken in the Borough during the year. Samples taken numbered 59, all of which were reported to be genuine.

BOROUGH OF WORKSOP.

REPORT OF THE SANITARY INSPECTOR FOR
1941.

To:
The Mayor, Aldermen and Councillors of the
Borough of Worksop.

Gentlemen,

I have the honour to present to you my Annual Report for the year ended 31st December, 1941. The portion on the Public Cleansing Services is for the financial year ended 31st March, 1942.

In compliance with the directions received from the Ministry of Health, the report has again to be in a shortened form.

During the year many additional activities came within the purview of the Health and Cleansing Departments, and it is pleasing to record that the depleted staffs made every effort to maintain the high standard of efficiency of the various services.

In August, 1940, R.G. Booth, Clerk, was called up for Military service, and, in June, he was successful in obtaining the Certificate of the Royal Sanitary Institute and Sanitary Inspectors' Examination Joint Board. J.F. Godfrey, Junior Clerk, was called up for Military service in May, and W.H. Harris, Senior Clerk, reported for Military service on 6th October.

Summary of Work carried out.

Total inspections or visits made	...	...	...	...	...	4,627.
Number of re-inspections and visits made	...	...	...	...	...	593.
Number of informal notices served	...	...	...	...	...	381.
Number of letters sent	...	...	...	...	...	1,573.

Details of inspections made.

Houses: General Sanitary conditions and housing defects.	...	...	...	...	...	415.
re notifiable diseases and disinfection.	...	...	...	...	...	89.
Rooms disinfected	...	...	...	...	...	62.
Overcrowding	...	...	...	...	...	29.
Overcrowding cases abated	...	...	...	...	...	15.
Verminous or suspected	...	...	...	...	...	16.
Eradication of Bugs: No. of houses disinfested	...	...	...	...	...	11.
(Council 3, Others 8.)						
Other infestations, ants, beetles cockroaches, wasps nests, etc.	...	...	...	...	...	38.
Dirty conditions	...	...	...	...	...	22.
Houses cleansed	...	...	...	...	...	19.
Bungalows for aged persons	...	...	...	...	...	61.

Public Health (Meat) Regulations.

Slaughterhouses	...	...	...	...	...	...	104)	
Meat Inspections	...	...	...	...	...	...	396)	
Meat Inspections (Military Units)	...	...	...	...	...	...	9)	
Other Foodstuffs	...	...	...	...	...	...	81)	Defects
Meat shops, Stalls, Stores and Vehicles	...	...	...	...	...	...	78)	remedied:
Premises where food is prepared, including bakehouses	...	...	...	...	...	...	66)	43.
Ice Cream Premises	...	...	...	...	...	...	27)	
Fried Fish Shops	...	...	...	...	...	...	21)	
Fish shops and stalls	...	...	...	...	...	...	30)	
General Provision shops and stores.	...	...	...	...	...	...	55)	

Inspection of Pigs, Sheep etc. killed for home consumption.

Number inspected	Pigs	...	...	...	...	...	306.	
	Sheep	...	...	...	...	...	3.	
	Goats	...	...	...	...	...	1.	
Part carcasses and organs condemned	...	...	...	...	...	...	1 cwt.	3 qrs.

Inspection of Horses killed for human consumption etc.

Number inspected	...	...	...	...	...	...	98.	
Part carcasses and organs condemned	...	...	...	...	...	...	4 cwts.	10 lbs.

Surrender of Unsound Foodstuffs

Beef	...	...	...	20 lbs.	Boxes of Cheese	...	1 Box.
Frozen Beef	...	...	...	487 lbs.	Coffee Extract	...	4 Bottle
Brisket Beef	...	...	...	56 lbs.	Pickles	...	2 Bottle
Pressed Beef	...	...	...	13 lbs.	Eggs	...	177½ doz.
Bacon	...	...	...	15 lbs.	Oranges	...	64½ doz.
Sausage	...	...	...	44 lbs.	Frozen Eggs	...	2 tins.
Chitterlings	...	...	...	56 lbs.	Canned Soup	...	1 tin.
Carrots	...	...	...	504 lbs.	Canned Fish	...	15 tins.
Cheese	...	...	...	183½ lbs.	Canned Vegetables	...	77 tins.
Onions	...	...	...	90 lbs.	Canned Fruits	...	655 tins.
Kippers	...	...	...	56 lbs.	Canned Milk	...	40 tins.
Salmon	...	...	...	7½ lbs.	Canned Meat	...	89 tins.
Godfish	...	...	...	168 lbs.	Fish Cakes	...	40 doz.

Other Inspections or Visits.

Common Lodging Houses	...	...	...	...	...	7.
Shop Acts	...	...	...	...	...	14.
Cowsheds	...	...	...	...	...	75.
Dairies	...	...	...	...	...	83.
Samples of Milk	...	...	...	...	...	30.
Markets	...	...	...	...	...	36.
Offensive Trades	...	...	...	...	...	16.
Vans.	...	...	...	...	...	16.
Premises infested with rats or mice	...	...	...	...	...	175.
Canal Boats	...	...	...	...	...	4.
Cinemas and Assembly Halls	...	...	...	...	...	25.
Schools.	...	...	...	...	...	22.
Factories	...	...	...	...	...	133.
Keeping of Pigs, Poultry, Rabbits Dogs, etc.	...	...	...	...	...	78.
Drains inspected	...	...	...	...	...	143.
Pollution of streams, cesspools, Septic Tanks etc.	...	...	...	...	...	30.
Smoke abatement	...	...	...	...	...	5.
Salvage	...	...	...	...	...	632.
Kitchen Waste (survey etc.)	...	...	...	...	...	1,588.

Service Units.

Billets	...	...	...	...	...	15.
Cookhouses	...	...	...	...	...	8.
Disinfection and Disinfestation	...	...	...	...	...	3.
Miscellaneous	...	...	...	...	...	9.

Other Services.

Evacuation, Hostels etc.	...	...	...	...	...	20.
Air Raid Shelters etc.	...	...	...	...	...	12.
Warden's Posts	...	...	...	...	...	27.

Description of Works carried out.

New drains constructed	...	...	...	...	...	52.
Drains reconstructed	...	...	...	...	...	21.
Drains cleansed or repaired	...	...	...	...	...	452.
Drains ventilated	...	...	...	...	...	5.
New inspection chambers provided	...	...	...	...	...	14.
Inspection chambers repaired	...	...	...	...	...	15.
New Sinks and wash-houses provided	...	...	...	...	...	20.
Waste pipes renewed or repaired.	...	...	...	...	...	28.
Additional gully traps provided	...	...	...	...	...	13.
Soil pipes repaired	...	...	...	...	...	7.
Roofs repaired	...	...	...	...	...	34.
Chimneys repaired	...	...	...	...	...	13.

Description of Works carried out (cont)

Floors repaired	...	...	...	...	...	...	26.
Windows repaired	...	...	...	...	...	...	21.
Ceilings repaired	...	...	...	...	...	...	28.
Dampness remedied	...	...	...	...	...	...	22.
Fireplaces repaired	...	...	...	...	...	...	15.
Water supplies improved or repaired	...	...	...	...	...	...	26.
Yards and Passages repaired or repaved	...	...	...	...	...	...	23.
Fallspouts and eavesgutters repaired	...	...	...	...	...	...	19.
Washing accommodation improved	...	...	...	...	...	...	9.
Samples of Well Water submitted for analysis	...	...	...	...	...	...	1.
Cesspools or Septic Tanks constructed or repaired	...	...	...	...	...	...	4.
Miscellaneous	...	...	...	...	...	...	52.
Pail closet converted into water closet	...	...	...	...	...	...	1.
Privy converted into pail closet	...	...	...	...	...	...	1.
Pail closets receptacles provided or renewed	...	...	...	...	...	...	13.
New Urinals provided	...	...	...	...	...	...	3.
New water closets provided	...	...	...	...	...	...	12.
Water closets reconstructed	...	...	...	...	...	...	5.
Water closets repaired or cleansed	...	...	...	...	...	...	59.
Dry ashpits abolished	...	...	...	...	...	...	2.
Dustbins renewed	...	...	...	...	...	...	81.
Additional dustbins provided	...	...	...	...	...	...	2.

Public Cleansing Service.

Dustbins emptied	...	...	...	...	...	...	412,551.
Dry Ashpits emptied	...	...	...	...	...	...	51.
Wet ashpits emptied	...	...	...	...	...	...	151.
Pail Closets emptied	...	...	...	...	...	...	5,329.
Cesspools emptied	...	...	...	...	...	...	181.

Total: 418,263.

Loads of dry and wet refuse and salvage removed	...	...	...	...	...	...	5,166.
Loads of cesspool liquid	...	...	...	...	...	...	799.

Total: 5,965.

The total quantity of refuse and salvage collected (including 2,662 tons 15 cwts of cesspool liquid) for the year ended 31st March, 1942. was 13,038 tons 10 cwts.

Cleansing Costs.

Gross expenditure (including loan charges and salvage operations)...				...	...	£8,262. 5. 0.
Income. Freight charges	...			26.	6.	0.
Rents: House.	...			62.	8.	0.
Allotments etc.	...			27.	0.	4.
Tip.	...			20.	0.	0.
Salvage:	T.	q.	lbs.			
Newspaper.	12	15	97.	107.	3.	0.
Mixed Paper.	133	2	42.	532.	9.	6.
Cardboard.	120	13	33.	633.	9.	5.
Books and Mags.	27	16	16.	186.	10.	9.
Selected.	30	17	9.	154.	4.	0.
Black Scrap.	36	1	0.	55.	11.	9.
Flattened Tins.	74	12.	0.	75.	12.	3.
Non-Ferrous Metals.		14	15.	12.	19.	8.
Bottles and Jars	10	7	0.	35.	2.	3.
Rubber Tyres. (17).				1.	17.	6.
Razor Blades.				2.	10.	8.
Textiles.	7	17	96.	38.	19.	9.
Broken Glass.	11	14	56.	9.	1.	0.
Waste Bones.	4	14	28.	15.	0.	4.
Kitchen Waste.	102	1	73.	168.	12.	3.
				£2158. 18. 7.	2,158. 18. 7.	
				Nett costs:	6,103. 6. 5.	

My thanks are due to you, Gentlemen, for the support you have given me at all times, and may I take this opportunity of again expressing my appreciation of the good work accomplished by the Staffs of the Health and Cleansing Departments, and for the cordial co-operation of all the Officials of the Council.

I have the honour to be,

Your obedient Servant,

T. H. MILLAR.

Chief Sanitary Inspector and Cleansing
Superintendent.

Health Department,
Park House,
Park Street,
Worksop.

General Costs.

Salvages:		T. lbs.		Gross expenditure (including loan	
Newspaper.	12	12	12	changes and salvage operations)	...
Mixed Paper.	125	125	125	Income. Postage charges	...
Cardboard.	190	190	190	Rent. House.	...
Books and Maps.	24	24	24	Aliments etc.	...
Slivered.	80	80	80	Tid.	...
Black Soap.	30	30	30		
Flattened Tins.	45	45	45		
Non-Ferrous Metals.	15	15	15		
Bottles and Jars.	30	30	30		
Rubber Tyres. (12).	...	...	...
Razor Blades.	...	...	...
Textiles.	...	...	...
Broken Glass.	...	...	...
Waste Bones.	...	...	...
Miscellaneous Waste.	102	102	102		

Nett costs 6,102. 6. 1.

My thanks are due to you, Gentlemen, for the support you have given me at all times, and may I take this opportunity of again expressing my appreciation of the good work accomplished by the Officers of the Health and Cleansing Departments, and for the cordial co-operation of all the Officials of the Council.

I have the honour to beg my very kind regards to you.

Your obedient Servant

T. H. WILLIAMS.

Health Department,
Park House,
Park Street,
Birmingham.