

[Report 1960] / Medical Officer of Health, Llandrindod Wells U.D.C.

Contributors

Llandrindod Wells (Wales). Urban District Council.

Publication/Creation

1960

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LLANDRINDOD WELLS URBAN DISTRICT COUNCIL

Town Hall,

LLANDRINDOD WELLS.

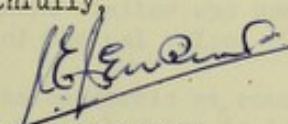
December, 1961.

To the Chairman and Members,

I have pleasure in submitting for your consideration the report of the Sanitary Conditions and Vital Statistics of the Urban District for the year 1960.

This report is prepared in accordance with the instructions issued by the Welsh Board of Health, Circular 1/61 (Wales) and presents briefly the scope of the activities of the Health Department.

Yours faithfully,



Medical Officer of Health.



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REPORT OF THE MEDICAL OFFICER OF HEALTH FOR THE
YEAR 1960.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area of District	.....	1509 acres
Registrar General's Estimate of Resident Population Mid.1960	.....	3360 persons
ditto Mid.1959	.....	3360 persons
Number of Inhabited Houses at the end of the year (including flats)	.....	1149
Rateable Value - 31st December, 1960	.....	£51,768
Product of Penny Rate	.....	£205. 11. 9

NATURAL AND SOCIAL CONDITIONS

There is little to add to my observations in the reports of previous years as a Health and Holiday resort. The town is regaining its popularity, in particular the touring visitor is increasing and there is also a noticeable increase in the resident visitor who uses the town as a centre for touring the beauty spots of Central Wales.

The resident population appears to be static at round the figure of 3360 persons although the remainder of Central Wales is losing population.

It is regrettable that you have had no success, as yet, in attracting some light industry whereby the young school leavers can obtain employment. There is no doubt that you will eventually be successful as the trend for movement from the Midlands and other over industrialised centres, is it appears, accelerating and the town and Central Wales should benefit by this movement.

There was not during the year any excessive mortality or epidemics and the health of the townspeople was generally good.

The climatological conditions of 1960 were as detailed in the following tabulation which includes comparisons with the three previous years:-

	<u>1960</u>	<u>1959</u>	<u>1958</u>	<u>1957</u>
Total rainfall	50.80	41.3	45.84	40.06
Highest Maximum Temperature	79°F	82°F	75°F	85°F
Average Maximum temperature	54.6°F	56.63°F	54.7°F	55°F
Lowest Minimum Temperature	21°F	8°F	5°F	19°F
Average Minimum Temperature	40.8°F	41.26°F	40.7°F	42.3°F
Sunshine Hours	1253.3	1535.4	1112.1	1335.3

The year's weather was not good, the summer was cool, wet and thundery and winter cold and wet with slight snow in January, low temperatures in February. Generally below average year.

OCCUPATIONS.

The occupations of the townspeople remained as previously stated. The number of retired persons taking up residence in the town showed a further increase also the numbers of professional and administrative persons remained the same.

TABLE 1

VITAL STATISTICS OF THE DISTRICT DURING 1960.

		Total	Male	Female
Live Births	Legitimate	34	19	15
	Illegitimate	4	1	3
		38	20	18
Still Births	Legitimate	-	-	-
	Illegitimate	-	-	-
		Nil	Nil	Nil

Live Births

Number	...	...	...	...	...	...	38
Rate per 1000 population	...	...	...	...	...	...	11.3
Rate per 1000 population - ¹⁹⁵⁹ 1960	...	...	...	...	...	...	13.4
Illegitimate live births per cent of total live births	...	...	...	...	...	...	10.53

Still Births.

Number	....	...	...	...	...	...	Nil
Rate per 1000 total live and still births	....	...	...	...	...	...	Nil
Total live and still births	...	...	...	...	...	...	38
Infant deaths (deaths under 1 year)	...	...	...	...	...	...	Nil

Infant mortality Rates:-

Total Infants Deaths per 1000 total live births	...	...	...	...	...	...	Nil
Illegitimate Infant Deaths per 1000 illegitimate live births	...	...	...	...	...	...	Nil
Legitimate Infant Deaths per 1000 legitimate live births	....	...	...	...	...	...	Nil

Neo-Natal mortality rate (deaths under 4 weeks) per 1000

total live births	Nil
-------------------	-----	-----	-----	-----	-----	-----	-----

Early Neo-Natal mortality rate (deaths under 1 week) per 1000

total live births	Nil
-------------------	-----	-----	-----	-----	-----	-----	-----

Perinatal mortality rate (still births and deaths under 1 week)

combined per 100 total live and still births	Nil
--	-----	-----	-----	-----	-----	-----	-----

Maternal mortality (including abortion):-

Number of deaths	...	...	...	...	...	...	1
Rate per 1000 total live and still births	...	...	...	...	...	...	2.63

DEATHS

	Total	Male	Female
Number of deaths	50	23	27

The death rate per 1000 of the estimated resident population was 14.9.

Death Rates for previous years:-

1959	-	14.5
1958	-	13.55
1957	-	11.76
1956	-	15.4
1955	-	15.33
1954	-	13.41
1953	-	15.9

TABLE 2.

STATISTICS OF CAUSES OF DEATH

CAUSES OF DEATH	M.	F.
All Causes:	23	27
1. Tuberculosis Respiratory	Nil	Nil
2. Tuberculosis other	Nil	Nil
3. Syphilitic disease	Nil	Nil
4. Diphtheria	Nil	Nil
5. Whooping Cough	Nil	Nil
6. Acute Polomyelitis	Nil	Nil
7. Measles	Nil	Nil
8. Other infective and parasitic diseases		
(i) Malignant Neoplasm - Stomach	Nil	Nil
(ii) " " - Lung bronchus	2	1
(iii) " " - Breast	Nil	2
(iv) " " - Uterus	Nil	Nil
(v) Other malignant and lymphatic neoplasms	1	1
(vi) Leukaemia /Alenkaernia	Nil	Nil
9. Vascular lesions of nervous system	1	10
10. Diabetes	Nil	Nil
11. Coronary disease angina	9	3
12. Hypertensia with heart disease	Nil	Nil
13. Other heart disease	1	1
14. Other circulatory disease	2	2
15. Influenza	Nil	Nil
16. Pneumonia	1	Nil
17. Bronchitis	1	Nil
18. Other diseases of respiratory system	1	Nil
19. Ulcer of stomach and duodenum	Nil	1
20. Gastritis, enteritis and diarrhoea	Nil	Nil
21. Nephritis and nephrosis	1	Nil
22. Hyperplasia of Prostate	1	Nil
23. Pregnancy, childbirth, abortion	Nil	1
24. Congenital malformations	Nil	Nil
25. Other defined and illdefined disease	Nil	3
26. Motor Vehicle Accidents	Nil	Nil
27. All other accidents	2	1
28. Suicide	Nil	1
29. Homicide and operations of War	Nil	Nil

SECTION B.

GENERAL PROVISIONS OF HEALTH SERVICES IN THE AREA

1. Public Officers:-

Medical Officer of Health (Part-time)

Dr. J. Emrys Jenkins, M.A., B.M., B.Ch.,

Chalfont, South Crescent, Llandrindod Wells.

Telephone No. 2000

Public Health Inspector (Part-time)

R.J. Morris, Esq., A.R.I.C.S., M.R. San. I.,

Town Hall, Llandrindod Wells.

Telephone No. 2222

2. Laboratory Facilities.

The examination and analysis of water, sewage effluents and stream contamination are carried out by the Public Analyst of the County Laboratory, Carmarthen. Analyst - H.J. Evans & Partners.

3. HEALTH SERVICES. The following services are carried out by the Radnorshire County Council under the National Health Service Act, 1946. The County Council Services are efficiently and well organised.

- (i) Maternity and Child Welfare
- (ii) Clinics
- (iii) Dental care for expectant mothers and nursing mothers and young children together with School Dental Services
- (iv) Midwives Service, delegated to the Radnorshire County Nursing Association
- (v) Health visiting delegated to the Radnorshire County Nursing Association
- (vi) Vaccination and immunisation of children under five and of school age is carried out by Registered Medical Practitioners of the parents choice or by the County Medical Officer.
(The vaccination of adults is carried out by Registered Medical Practitioners.)
- (vii) Ambulance Service
- (viii) Prevention of Illness, Care and After Care of persons suffering from tuberculosis, mental illness or defectiveness and other types of illness is organised under the aegis of the County Health Committee.
- (ix) Domiciliary Health Services
- (x) Home Nursing delegated to the Radnorshire County Nursing Association
- (xi) Health Education is carried out by the Radnorshire County Council
- (xii) Mental Health
- (xiii) Chiropody Service

SANITARY CIRCUMSTANCES OF THE AREA.

Water Supply

The purification and clarification of the water, as taken from the River Ithon, was satisfactory throughout the year. Quality was good and quantity sufficient.

The main source of supply remained the River Ithon and purification as previously reported. Flood conditions in the River Ithon were experienced during the months of August to December.

Chlorination has been maintained to give a free chlorine content of between 0.1 and 0.3 p.p.m. after 30 minutes contact. Tabulated list of Analyst's Reports are given in Table 3.

Sections of three mains were renewed during the year.

Statistics in respect of the Water Supply are detailed below:-

Estimated population supplied from public water mains in Urban District	3345
Estimated population not supplied from public water mains	15
Number of dwelling houses or flats supplied direct into premises	1132
Number of dwelling houses and farms supplied by means of stand pipes	5
Estimated population supplied by stand pipes	19
Number of premises (farms) with own piped supplies	4
Number of premises (farms) with no piped supplies	Nil
Premises supplied from mains and outside Urban District	14
Estimated population so supplied	68

TABLE 3.

Bacteriological analysis for the year 1960 carried out by H.J. Evans & Partners, Public Analyst, Bank Lane, Carmarthen.

Tabulation of Analysts' Reports on samples of water taken from house services, direct off supply main.

Date of Samples.	No. of organisms 48 hrs. @ 22°C	Coli present in c.cs					REMARKS
		100	50	25	20	10	
18 : 1: 60	8	Nil					Excellent bact. quality.
28 : 4: 60	16	Nil					" "
21 : 6: 60	30	16					Not faecal type coli.
7 : 10: 60	3	Nil					Highly satisfactory.
23 : 11: 60	12	Nil					" "
23 : 12: 60	16	Nil					" "

Tabulation of Analysts' Report on samples of water taken for chemical analysis.

Dates of Samples - 6th April, 1960.

Sample No. 1 - River Ithon at intake to works.

Sample No. 2 - Filter house at outlet to filters before chlorination.

Sample No. 3 - Public piped supply from domestic tap.

	<u>Sample 1.</u>	<u>Sample 2.</u>	<u>Sample 3.</u>
pH value	7.36	5.37	6.70
pH S	8.52	7.94	8.54
Saturation Index	-1.16	-2.57	-1.84
Colour (Hazen Units)	30	5	Nil
		parts per 100,000	
Free and saline ammonia	Nil	0.0028	0.0010
Albuminoid Ammonia	0.0092	0.0028	Nil
Nitrites	Nil	Nil	Nil
Nitrates	0.10	0.08	0.10
Oxygen consumed at 27°C from N/80 permanganate during 4 hours	0.125	0.052	0.041
during 15 minutes	0.060	0.021	0.015
Total solids in solution	8.3	9.2	8.6
Chlorides, as Cl.	1.10	1.15	1.15
Calculated as Common Salt	1.82	1.90	1.90
Additional features:-			
Lime as CaO	1.40	1.46	1.48
Total alkalinity, as CaCO ₃	3.25	1.0	1.25
Total hardness	3.0	3.2	3.2
Free Chlorine	-	Nil	0.02 p.p.m
Alumina as A 1	-	0.70	0.60 p.p.m
Lead	Nil	Nil	Nil
Copper	Nil	Nil	Nil
Zinc	0.01	0.02	0.06

Appearances:-

No. 1 Some suspended matter

No. 2 Bright and clear with minute trace of fine suspended matter

No. 3 Bright with a trace of very light suspended matter.

Bacteriological Examinations.

	<u>No. 1</u>	<u>No. 2</u>	<u>No. 3</u>
No. of organisms per c.c. developed on Agar during 48 hours @ 37°C	160	16	5
No. of organisms per c.c. developed on Agar during 48 hours @ 22°C	950	145	16
Coliform organisms per 100c.cs	6	Nil	Nil
Faecal Coli per 100 c.cs	6	Nil	Nil

OBSERVATIONS.

- Sample No. 1 This was a river water of fair organic purity. It contained a little suspended matter which consisted of fine vegetable debris in which microscopic organisms were present. These organisms which included green algae and diatoms were of the type associated with fresh aerated water.
- Sample No. 2 In comparison with the river water the filtered sample showed a good deal of reduction in both total and nitrogenous organic matter and was free from vegetable suspended matter. However it did contain some very little light flocculent precipitate which proved to be aluminium hydroxide.
- Whereas the river water was slightly alkaline the filtered water was acid in reaction. The pH having dropped from 7.36 to 6.37, at this pH value some alumina would remain in solution and would deposit later as a white flock if the water became more alkaline it will be observed that this sample showed a high negative saturation index, viz:- -2.57 and so would be corrosive towards metals.
- Sample No. 3 This sample showed an increase in pH value compared with the filtered water before chlorination, it was bacteriologically satisfactory and was free from toxic metals including lead and copper.

Contamination by lead. No direct action has been taken in connection with contamination by lead.

Sodium carbonate (Soda Ash) is added to the water before filtration for pH control.

Action taken for general contamination. The annual work of reservoir cleansing and maintenance of grounds around the covered service reservoirs has been carried out.

TABLE 4.

WATER CONSUMPTION

(All Consumers and Trades)

Year	Water pumped to service reservoirs.	Estimated population served.	Estimated consumption per head per day.	Trade consumption metered supplied.	Bulk supplies
1960	74,260,000	3345	60.82	12,154,000	59,000
1959	58,650,000	3434	46.8	13,977,000	6,000
1958	60,270,000	3351	49.2	13,258,000	111,000
1957	61,340,000	3261	51.5	11,963,000	
1956	71,640,000	3280	58.9	14,290,000	
1955	75,110,000	3310	62.1	15,145,000	
1954	70,630,000	3280	58.0	12,684,000	
1953	68,000,000	3275	56.8	12,500,000	
1952	66,710,000	3286	38.9	11,750,000	
1951	67,690,000	3250 (Census)	48.7	10,250,000	
1950	62,010,000	3586	44.6	10,250,000	

The tabulation shows an increase on the 1959 figures of 5,610,000 gallons. The consumption is still high as compared with the national average, the trade and hotel consumption and bulk supply however account for 10 gallons per head per day which reduces the consumption to 50.82 gallons per head per day for domestic use which is high.

PUBLIC SWIMMING POOL. The swimming pool operated by the Council was maintained to a satisfactory standard.

The water supply to the pool of 133,000 gallons capacity is taken from the domestic water supply mains and the pool is replenished as necessary. The water is treated by straining and filtration, sterilization being by injection of chlorine. Alkali as sodium carbonate is added as necessary.

The circulation of the pool water is over a period 10 to 12 hours and from the opening of the pool at 1st June to closing at end of September, the filtration plant was kept in continual operation.

Twice daily tests were made with comparator for free chlorine and alkalinity. The Reports on samples taken for bacteriological analysis are as under:-

Date of Sample	Organisms per c.c. 48 hours @ 22°C	Coliform organisms per 100 c.cs.	Faecal Coli per 100 c.cs
16: 8: 60	5	3	Nil

Observations:- The bacteriological condition of this water was highly satisfactory.

Drainage and Sewers.

(i) Drainage. No major difficulties were experienced on the sewage systems during the year. No alterations or extensions were carried out. The sewers are on the partial separate system and the volume of flow varies greatly with the rainfall.

There is a certain amount of infiltration, the source of which has not yet been traced.

One blockage on public sewers occurred and works were carried out on the repair of one manhole from which foul water was leaking.

(ii) Sewage Disposal. General. Normal maintenance of the two works was carried out, the whole of the sludge lagoon area was emptied by mechanical means. Effluents to the River Ithon were not equal to standard required.

Improvement Scheme. The Consulting Engineers of the Council engaged for the purpose of designing a scheme of improvement at the Rhydilyndu Disposal Works carried out various works of survey and gauging for the compilation of outline scheme.

Rivers and Streams. Examinations were carried out of the two streams and the River Ithon which pass through the Urban District.

It was necessary to remove and bury the bodies of dead sheep from the River Ithon in March.

The prevention of pollution of the Arlais Brook from oil and from washing water containing detergents was dealt with, the source of the detergent being diverted at source into foul water drainage. The source of oil pollution being prevented by overhaul of oil traps at local garage.

Public Cleansing. The collection and disposal of household and trade refuse proceeded as in other years by the Council's own staff and vehicles.

Collection is once each week from domestic properties and twice from certain trade and hotel premises. It was found during the summer that the volume of trade refuse at shops and hotels was much greater than other years

which entailed additional collection and incineration hours of working. Accumulations of brown and coloured broken glass and of clinker and debris were removed from the incinerator site during the year.

A new 7 cu. yard refuse collection lorry was obtained during the year.

The collection of waste paper and other waste materials was maintained and 48 tons 4 cwt of waste paper; 28 tons 13 cwt of white cullet and 44 tons 6 cwt of destructor scrap was disposed of.

FOOD.

Food Hygiene. The enforcement of the Food Hygiene Regulations was carried out by inspection and circulation of posters and pamphlets to food preparation premises, catering establishments and hotels.

No prosecutions were found necessary.

TABLE 5.

Inspection and Supervision of Food

Milk

Non-Residential designated pasteurised retailers and designated traders	-	2
Residential designated ditto ditto	-	1
Residential registered dairymen designated retailers	-	1
Non-Residential designated retailers	-	3
Wholesale producers in Urban District	-	4
Visits to cowsheds during the year	-	2
Visits to dairies during the year	-	2
Samples of milk tested during the year	-	Nil
Action taken by Council in respect of unclean milk during the year	-	Nil

TABLE 6.

Number of Food Premises and Types

Foods.

Manufacturers other than bakehouses	-	Nil
Bakehouses for bread and confectionery	-	3
Bakehouses for confectionery only	-	1
Confectioners - Retail	-	7
Fish and Chip Fryers	-	2
Retail Green Grocers	-	5
Grocers	-	11
Hotels - Public and Private	-	14
Milk Shops	-	Nil
Meat Retailers	-	6
Licensed Premises	-	6
Pork Butchers	-	Nil
Restaurants	-	5
Sausage and Cold Meat Producers	-	4
Fishmongers	-	2
Deep Freeze (Frozen Foods)	-	8

Number Registered under Section 16 of
Food and Drugs Act.

Ice Cream	-	16
Cooked Meats	-	3

No ice cream is manufactured at a local premises.

Number of inspections of Registered Food Premises	-	8
Number of inspections of Bakehouses	-	3
Complaints received in respect of Foods	-	Nil
Number of inspections of Food Preparation Establishments	-	34
Action taken in respect of Food Storage (Informal)	-	4

TABLE 7.

Foods Surrendered or Condemned and Destroyed.

Various canned foods:-	-	266 tins
Sausage	-	12 lbs.
Cheese	-	15 lbs.
Cooked canned meats	-	95½ lbs.
Cooked canned beef	-	18 lbs.
Poultry	-	Nil
Vegetables	-	Nil
Chilled Beef	-	90 lbs.

Condemned food, unless salvagable, is destroyed at the incinerator.

Examinations of consignments of food at Railway Station were carried out following possibility of contamination whilst in transit.

Adulteration of Foods.

The administration of the Acts dealing with the adulteration of food is carried out by the Officers of the Radnorshire County Council and no particulars are available to my Council.

Food Poisoning Outbreaks.

No cases of food poisoning occurred during the year.

Meat Inspection.

Slaughterhouses in use during the year - four; of which three are for slaughter of sheep and pigs only.

A large volume of meat, in particular beef, and in the winter and spring mutton, is purchased by retailers from the wholesalers at Shrewsbury, Craven Arms and Builth Wells.

The plans prepared towards the end of 1959 of the four slaughterhouses and indicating alterations and improvements necessary to make them conform to the requirements of Regulations made under the Slaughterhouse Act, 1958 were submitted to the Slaughterhouse Proprietors and these proprietors met and discussed the proposals with the appropriate Committee of the Council and each agreed to the proposals.

The necessary draft report made under Section 3 of the Act was approved by the Council and submitted to the Minister for approval.

One slaughterhouse proprietor commenced the slaughter of animals for wholesale distribution during the year.

TABLE 8

ANIMALS KILLED, INSPECTED AND CONDEMNED.

	Cattle excluding cows.	Cows	Calves	Sheep and Lambs	Pigs	Horses
Number killed approximately	98	Nil	8	1716	160	Nil
Number inspected	59	-	Nil	1003	131	Nil
<u>All diseases except Tuberculosis and Cysticerci</u>						
Whole carcasses condemned	Nil	-	-	Nil	-	Nil
Carcasses of which some part or organ condemned	15	-	-	29	2	Nil
Percentage of the number inspected affected with disease other than tuberculosis and cysticerci	25.4%	-	Nil	2.8%	1.5%	Nil
<u>Tuberculosis only</u>						
Whole carcasses condemned	Nil	-	Nil	-	Nil	-
Carcasses of which some part or organ condemned	Nil	-	Nil	-	Nil	-
Percentage of the number inspected with tuberculosis	-	-	-	-	-	-
<u>Cysticercosis.</u>						
Carcasses of which some part or organ condemned	Nil	-	Nil	-	Nil	-
Carcasses submitted to treatment by refrigeration	Nil	-	Nil	-	Nil	-
Generalised and totally condemned	Nil	-	Nil	-	Nil	-

INFECTIOUS AND OTHER DISEASES.

Cases of notification

Cases of notifiable infectious diseases occurred as tabulated below:-

NOTIFIABLE DISEASES DURING 1960.

Disease	Total cases notified	Cases admitted to hospital	Total Deaths
Small Pox	Nil	Nil	Nil
Scarlet Fever	"	"	"
Diphtheria	"	"	"
Enteric Fever	"	"	"
Puerperal Fever	"	"	"
Puerperal Pyrexia	"	"	"
Whooping Cough	"	"	"
Pneumonia	1	"	1
<u>Other notifiable diseases</u>			
Acute Poliomyelitis	"	"	"
Measles	"	"	"
Chicken Pox	"	"	"
TOTAL	1	Nil	1

Inspection carried out in respect of infectious diseases - Nil
 Rooms fumigated for infectious diseases or otherwise - 4
 Rooms fumigated for vermin - 2

Cancer - No action taken.

Blindness - No action taken.

Tuberculosis. The requirements of the Public Health (Tuberculosis) Regulations 1939 have been carried out.

No action has been taken under the special powers given to local authorities under these Regulations.

No applications were received by the Council under Section 172 of the Public Health Act, 1936 for the removal to hospital of persons suffering from tuberculosis of the respiratory tract.

Tuberculosis. New Cases and Mortality
during 1960.

Age Groups	New Cases				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0	-	-	-	-	-	-	-	-
1	-	-	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-
15	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-
35	-	-	-	-	-	-	-	-
45	-	-	-	-	-	-	-	-
55	-	-	-	-	-	-	-	-
65 and up	1	-	-	-	-	-	-	-
TOTALS	1	-	-	-	-	-	-	-

H O U S I N G

In accordance with the instructions of Circular 17/55 Wales, the inclusion of details on housing matters are omitted.

SANITARY INSPECTION OF THE AREA

Summary of the work of the Sanitary Inspector's Department.

Total number of inspections and visits made - 553.

Nuisances.

No. of visits re. nuisances 14
 Visits re works in progress 1
 Notices issued
 (a) Informal letters) 7
 (b) Informal notices)
 (c) Statutory notices Nil
 Notices and letters complied with 7
 Outstanding Nil
 Legal proceedings Nil

Lodging Houses.

No. Registered Nil
Water Supply
 No. of samples taken 9
 No. found polluted Nil
 Houses and flats connected to supply 1132
 New houses and premises connected 7
 Renewed connections to houses 16

Housing
Inspection 114

Food Preparing Places.
No. of inspections 38
Notices re food preparation 4

Slaughterhouses
No. of visits (approx.) 300
No. of condemnations 46

Foods.
No. of seizures of unsound food Nil
No. of condemnations 30

Dairymen.
No. of Registered 2
No. of Inspections 2
No. of Retailers 7
No. of milk samples for T.B. Nil
No. of milk samples found to produce T.B. Nil
No. of enquiries under P.H.A. Regulations re Contacts Nil
No. of milk samples for test Nil

Dairies.
No. of Registered traders 2
No. of Dairies 1
No. of inspections 2

Moveable Dwellings.
No. Registered 2

Bakehouses.
No in use 3
No. of inspections 3

CAMPING SITES.

1. Number of sites in area for camping purposes under canvas during 1960 1
2. Number of caravan camping sites 1
3. Number of camping sites requiring to be licensed in accordance with Public Health Act Nil
4. Number of caravan camping sites licensed under Public Health Act Nil
5. Estimated maximum number of campers in the area at one time during 1960 40

Smoke Abatement. Inspections made in respect of smoke abatement Nil
Action taken in connection with Nil

Rodent Control Works.

Premises.
Number of inspections made - 417
Premises found infested - 23
Treatments carried out by Council - 23
Treatments carried out by occupier - Nil
Dead rats picked up - 53

Sewer Treatments. Maintenance treatments of sewers was carried out in 1960.

- 15 Manholes were baited
No manholes showed presence of rats
No manholes showed poison bait takes.

Infectious Diseases.
No. of enquiries Nil
No. taken to hospital Nil
No. of houses or rooms disinfected 4
No. of houses disinfected re fleas,lice,cockroaches etc. 2

Water Closets.
No. of improved or repaired 4
No. of bucket closets in district 3
No. of cesspools or septic tanks in district 13
No. of earth closets in district 2
No. of chemical closets in district 3

House Draining.
No. laid or relaid 7
No. cleansed 17
No. repaired 3
No. of inspections 32
No. of tests 4

Licensed Premises.
Action taken in respect of sanitation Nil

Accumulation of litter.
Action taken in respect of Nil
Inspection for ditto Nil

Dangerous Structures.
Action taken in respect of 2