

[Report 1950] / Medical Officer of Health, St. Asaph (Denbigh) R.D.C. and St. Asaph (Flint) R.D.C.

Contributors

St. Asaph (Denbighshire, Wales). Rural District Council.

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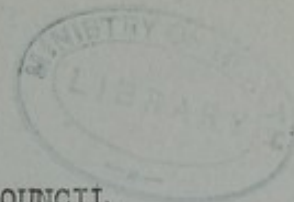
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MINISTRY OF HEALTH
17 OCT 1951

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ST..ASAPH...RURAL...DISTRICT...COUNCIL

ANNUAL REPORT

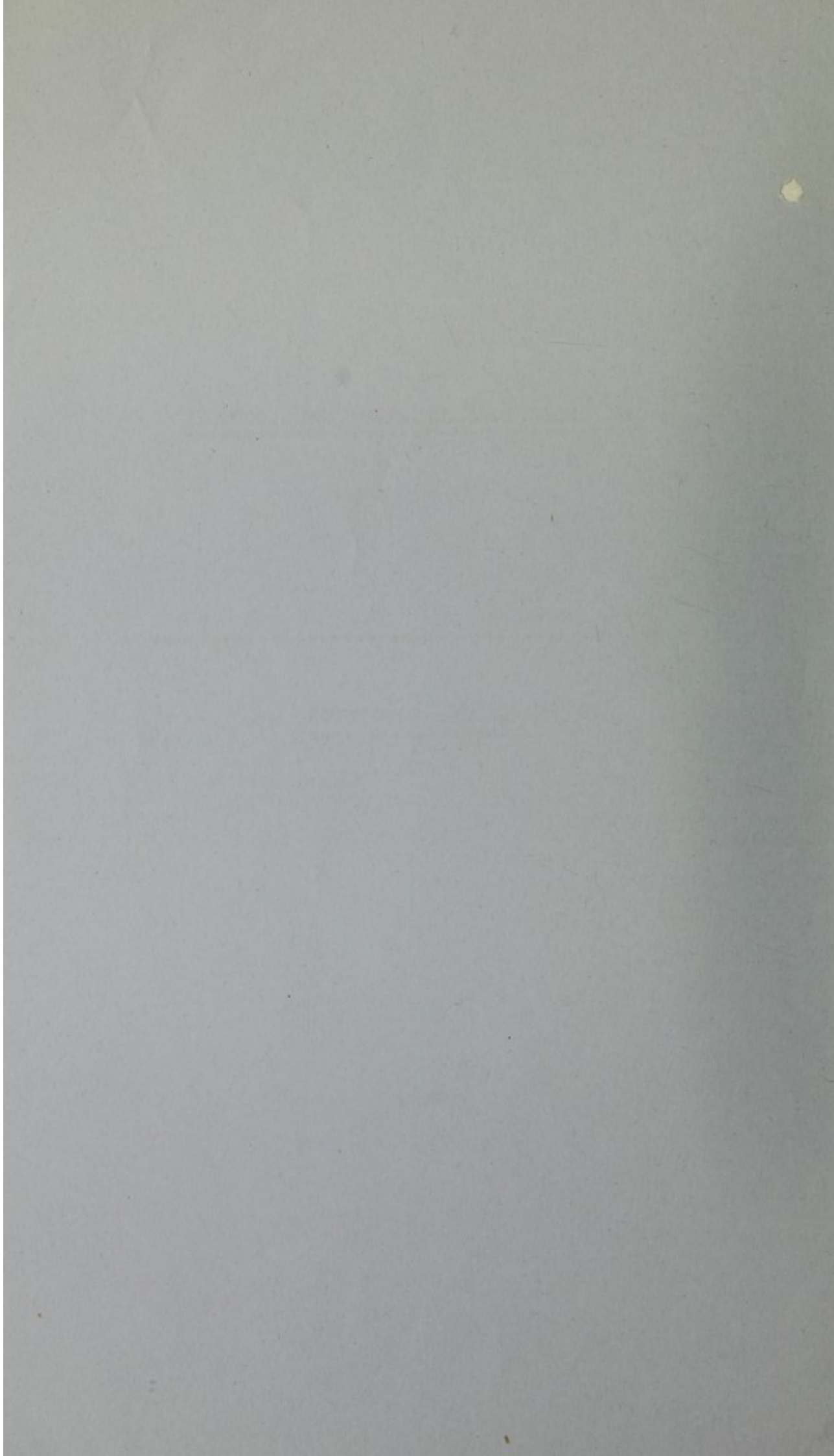
of the

MEDICAL OFFICER OF HEALTH and the

SANITARY INSPECTOR

for the year

1950.



ST. ASAPH RURAL DISTRICT COUNCIL.

Annual Report of the Medical Officer
of Health for the year 1950.

Mr Chairman, Ladies & Gentlemen,

I beg to submit my Annual Report for the year 1950 in accordance with the requirements of the Ministry of Health.

The general state of health in the district has been satisfactory during the year. 150 cases of Infectious disease were notified; Measles 66 cases; Scarlet Fever 30 cases; and Pneumonia 33 cases accounted for the greater part of the total. There were six deaths from pneumonia during the year. There were two cases of Diphtheria notified both of whom made satisfactory recovery.

Once again I am pleased to report that there was no maternal death due to childbirth; and our Infant Mortality Rate has declined to the record low of 20.3 deaths per 1,000 live births. The rate for England and Wales as a whole is 29.8 deaths per 1,000 live Births which is the lowest ever recorded. This is the third consecutive year in which our Infant Mortality Rate has been lower than the average for the Country. This result reflects great credit on both the parents of the District and on those taking part in the Welfare and Child Health services in the District.

The Birth Rate of 14.3 per 1,000 population is lower than the average for England and Wales which is 16.7 per 1,000 population. However 148 children were born in the district as compared with 141 in 1949 and the reason for the apparent fall in the rate is that this year the Military at Kinnel Camp are included in our population total for the first time. The Death Rate at 11.10 per 1,000 population is also lower than the average for the Country which is 11.6 per 1,000 population. Adjusting our Death Rate by the use of the Registrar General's Comparability Factor we find that our Death Rate for Strict Comparison purposes is 10.6 deaths per 1,000 population -- a very satisfactory state of affairs.

Housing still continues to be a major problem in the district, and many of the inhabitants still have to put up with the poor living conditions. Seven condemned properties were vacated during the year but upwards of thirty condemned houses are still occupied, and there are about eighty houses in very little better condition whose occupants will require rehousing in the course of the next few years. An R.A.F. camp at Nant y Faenol, Bodelyyddan, has been taken over by the Council in order to rehouse some of the more badly housed inhabitants. This site provides homes for 12 Families. Thirtysix Council Houses and 5 Private Houses were erected and occupied in the district during the year.

Owing to heavier rainfall, no difficulty was experienced in maintaining adequate water supplies to all the Rural District during 1950. The laying of new mains in the Parish of Waen ensured adequate pressure to all consumers in that parish, and chlorination of the Tremeirchion supply rendered the water there in all respects fit for human consumption.

At the time of compiling this report there is news of progress being made with the scheme for the comprehensive supply to the parishes of Waen, Rhualt, Tremeirchion, Cwm and Bodfari, and I hope to be able to give more encouraging news of the scheme in the 1951 report.

In conclusion I should like to express my gratitude to the Clerk, the Sanitary Surveyor, and all the other Council Officials for their co-operation and assistance throughout the year.

I remain,
Your obedient Servant,

R. RHYDWEN

Medical Officer of Health.

GENERAL STATISTICS

Area (Land and Inland Water).....23,057 acres
 Population at 1931 Census (which includes Meliden and part of Dyserth since transferred to Prestatyn Urban District)..... 7,873
 Population, Registrar General's Estimate mid 1950.....10,384
 Number of inhabited houses according to the Rate Book..... 2,548
 Rateable Value.....£46969
 Estimated Product of a Penny Rate.....£183

HEALTH SERVICES IN THE AREA

WATER

Bodelwyddan, Rhuddlan, and St. Asaph, are supplied by the Rhyl Urban District Council's Undertaking.
Dyserth, The greater part of the parish is supplied by the Prestatyn Urban District Council's Undertaking.
Bryniau, Dyserth is supplied from the mains of the Holywell Rural District Council's Undertaking as it is a high level Area.
Bodfari is supplied by works constructed by the Council. This supply is contaminated on occasion and the inhabitants have been advised to boil all drinking water.
Cwm is also supplied by works erected by the Council. One source of supply (Aelwyd Ucha) fails completely during dry weather, and on these occasions the supply is augmented from the Birkenhead Corporation Supply via the Holywell R.D.C. supply mains.
Tremeirchion is supplied by works constructed by the Council. Since early in the year the supply has been chlorinated. This has resulted in the water being bacteriologically pure, a state of affairs which did not always exist prior to chlorination.
Rhualt has a piped supply derived from neighbouring springs.
Waen is supplied from works constructed by the Council. New mains laid down during the year resulted in a great improvement in the pressure of the water and during the year there was no failure in the supply.
GENERAL REMARKS. Owing to heavy rainfall there was no failure of the water supply in any part of the area during the year. This fact in no way lessens the need for the provision of an adequate and pure water supply to the parishes of Bodfari, Cwm, Tremeirchion, Rhualt and Waen, for during a dry summer one or more of these districts suffer from lack of water and all these supplies suffer from pollution at some time during the year. At the time of writing the Council's scheme for providing an adequate and pure water supply to this area is complete in draft and the Council has approved of its execution.

Properties supplied with water by the Council:-

	<u>Total No. of houses</u>	<u>Number supplied with water</u>	
		<u>(a) into Houses</u>	<u>(b) Standpipes</u>
Cwm	111	97	6
Bodfari	122	76	14
Tremeirchion	183	113	19
Waen	75	70	3

DRAINAGE & SEWERAGE

Bodelwyddan, Bodfari, and Tremeirchion are without Sewerage Schemes and Rhuddlan has no Disposal Works. Outline schemes in respect of Bodelwyddan, Rhuddlan and Tremeirchion were accepted by the Council in 1948.

RIVERS & STREAMS

No pollution of rivers or streams was reported during 1950.

CLOSET ACCOMMODATION

In the areas supplied by sewers very few privies remain. In the remainder of the District 90% of Houses have privies with fixed receptacles and 10% privies with removable receptacles. The Council remove the night-soil in certain areas.

PUBLIC CLEANSING

Refuse is removed from all parishes in the Rural District by the Council's Refuse Lorry.

SHOPS & OFFICES

No action was required in respect of Shops or Offices during the year.

CAMPING SITES

The Maesgwilym Camp, The Pleasant View Holiday Camp, and the Vale of Clwyd Holiday Camp, Rhuddlan are licensed for the Summer months only.*

The water supply to these camps is satisfactory as are the general standards of hygiene maintained in the camps.

ERADICATION OF BED BUGS

No action was required during 1950.

SCHOOLS

No closure due to outbreak of Infectious Disease was required during 1950.

DIPHTHERIA IMMUNISATION AND VACCINATION

79 children under five years of age and 10 children between the ages of five and fifteen years were immunised during the year. 42 other children received a reinforcing (Boosting) dose.

70 children under the age of five years, 3 children aged five to fifteen years and 6 persons over the age of fifteen years were vaccinated during the year. In addition 1 child under 5 years, 2 children aged 5-15 years, and 10 persons over the age of 15 years were revaccinated during the year.

TUBERCULOSIS

The Welsh Regional Hospital Board has a Chest Clinic at 22, Edward Henry Street, Rhyl for the treatment and Investigation of Cases or suspected cases of Tuberculosis. The Clinic is open on Friday mornings for new cases, and on Thursday afternoon 2-30 p.m.-4-30p.m. for PncumoThorax treatment.

The nearest Sanatoria are at Llangwyfan and Penyffordd.

VENEREAL DISEASES

The nearest Clinic for the treatment of these Diseases is at St. Asaph General Hospital. This is held every Tuesday evening

from 5.15 p.m. to 7.15 p.m. The treatment is confidential, free and inclusive of travelling expenses.

MATERNITY AND CHILDWELFARE CLINICS

The County Council holds Maternity and Child Welfare Clinics at St. Asaph (Thursday p.m) Rhyl Wednesday p.m) and Bodelwyddan Kinnel Camp (Thursday p.m).

SMALLPOX

In the event of an outbreak of Smallpox, arrangements can be made for the isolation and treatment of cases by arrangement with the County Council and the Welsh Regional Board.

DISINFECTATION

The disinfection of large articles such as bedding can be carried out through arrangements made by the Sanitary Inspector with the Rhyl Urban District Council.

LABORATORY FACILITIES

These are provided by the Public Health Laboratory Conway. Examinations of raw water were made during the year.

NATIONAL ASSISTANCE ACT 1948

Section 47. Removal to suitable premises of elderly people in need of care and attention.

No formal action was required under this section of the Act during 1950.

HOUSING

During 1950 the following numbers of Houses were completed and occupied:-

	<u>For the Local Authority</u>	<u>Private Houses</u>
Waen	6	-
Bodelwyddan	22	-
Rhuallt	8	-
Dyserth	-	1
Cwm	-	1
Rhuddlan	-	2
St. Asaph	-	1
TOTAL	<u>36</u>	<u>5</u>

MEAT & OTHER FOODS

All animals are slaughtered at the Public Abattoir, Rhyl which is the municipally controlled centre for the district.

A. VITAL STATISTICS

The total number of Births registered in the District and credited to the District by the Registrar General during 1950 was 148 of which 73 were male and 75 female. 4 of these children were illegitimate 1 being male and 3 being female.

The Birth Rate was 14.30 per 1,000 population as compared with a rate of 15.7 per 1,000 population for England and Wales as a whole.

There were 4 still births during the year.

B. DEATH RATE

The total number of Deaths registered in the district and attributed to the district after allowing for inward and outward transfers was 115., 57 of these were deaths of males and

59 deaths of Females.

The Crude Death Rate for the District was 11.10 per 1000 population as compared with a rate of 11.6 per 1,000 population for England and Wales as a whole.

C. INFANTILE MORTALITY

There were three deaths of infants under one year of age. This gave an Infant Mortality Rate of 20.3 per 1,000 live births as compared with a rate of 29.8 per 1,000 live births for England and Wales.

This is a most satisfactory state of affairs.

D. INFECTIOUS DISEASES

150 cases of Infectious Disease were notified during the year.

These were made up of:-

Scarlet Fever	30 cases
Whooping Cough	17 "
Measles	36 "
Pneumonia	33 "
Diphtheria	2 "
Anterior Poliomyelitis	1 Case
Meningococcal Meningitis	1 "

E. ZYNOVIC MORTALITY

There were six Deaths attributed to Pneumonia and two Deaths attributed to Influenza.

F. PULMONARY TUBERCULOSIS

There were two deaths attributed to Pulmonary Tuberculosis, giving a mortality rate of 0.193 per 1,000 population as compared with a rate of 0.321 per 1,000 population for England and Wales.

G. TUBERCULOSIS (non PULMONARY)

There were no deaths in this group.

On the T.B.Register.

December 31st 1949	Cases Pulmonary	57	Non Pulmonary	11
December 31st 1950	" "	58	" "	13
	Increase of Decrease	+1		+2

H. OTHER RESPIRATORY DISEASES

There was one death under this heading equivalent to a rate of 0.087 per 1,000 population.

J. HEART DISEASE

There were 24 male deaths and 17 female deaths from heart disease being a total of 41 deaths.

K. INTRACRANIAL VASCULAR LESIONS

There were 23 deaths from this cause, seven being deaths of males and sixteen being deaths of women.

L. CANCER

There were 15 deaths recorded as being due to Cancer. Seven were deaths of males and eight deaths of females. The Cancer Mortality Rate was 1.45 per 1,000 population as compared with a rate of 1.946 for England and Wales. It can be seen that this year our rate is well below the average for the Country.

Table 2

<u>Cause of Death</u>	<u>Male</u>	<u>Female</u>
1. Respiratory Tuberculosis	0	2
10. Malignant Neoplasm, Stomach	1	1
11. Malignant Neoplasm, Lung, Bronchus	1	1
12. Malignant Neoplasm, Breast	0	2
14. Other Malignant and Lymphatic Neoplasms	5	4
17. Vascular lesions of Nervous System	7	16
18. Coronary Disease, Angina	13	8
19. Hypertension with Heart Disease	5	1
20. Other Heart Disease	6	8
21. Other Circulatory Diseases	1	1
22. Influenza	1	1
23. Pneumonia	1	5
25. Other diseases of Respiratory System	1	0
26. Ulcer of Stomach and Duodenum	1	1
28. Nephritis and Nephrosis	1	1
29. Hyperplasia of Prostate	3	0
31. Congenital Malformations	1	0
32. Other defined and ill defined diseases	5	5
33. Motor Vehicle Accidents	1	0
34. All other Accidents	5	1
ALL CAUSES.....	<u>57</u>	<u>58</u>

ANNUAL REPORT OF THE SANITARY
INSPECTOR

For the year 1950

GENERAL INFORMATION

WATER SUPPLIES

Owing to the rather heavy rainfall experienced during the Summer, supplies dried up in two parishes only, namely, Cwm and Tremeirchion. In the latter parish, pumping was again resorted to so that no shortage was experienced.

The work of laying new 4" mains in Waen parish was completed and no further complaints of lack of pressure have been received.

CONTROL OF CIVIL BUILDING

The erection of houses by private enterprise was still under strict control, although such control was slightly relaxed as to the proportion of the annual quota which could be allowed in licences.

The number of licences issued during the year was 5.

INSPECTIONS

Total number of inspections and visits made 903

INFECTIOUS DISEASES

Number of cases inquired into, including Scabies 26
Number of Houses disinfected 26

DWELLINGS

Number made fit for habitation 6
Number of cases of overcrowding 3

DRAINAGE ETC.,

Number laid or relaid 51
Number cleaned, trapped and ventilated 18
Number of new water closets 16
Number of repairs to water closets 30
Number of new privies and ashpits ---
Number of privies converted into W.C's ---

SCAVENGING

During the year a new Karrier low-loading refuse collecting vehicle was purchased and put into operation.

Number of pail closets emptied 3160
Number of Ashbins emptied 44324
Number of Ashpits emptied 450
Number of loads of refuse 763
Number of tons of refuse 1530

REFUSE

Number of accumulations removed 2
Number of notices in respect of new bins 3

REFUSE TIPS

One tip only was used during the year, that at Dyserth.

Suggestions were made for sites for a new tip, but for various reasons, these proved unfavourable.

HOUSING SURVEY.

Owing to lack of staff it was not found possible to carry out an organised programme.

WATER

Number of new connections made(all purposes)	10
Number of repairs, fittings etc.,	121

DAIRIES AND COWSHEDS

As the production of milk became the responsibility of the Ministry of Agriculture and Fisheries, no inspections of cowsheds and producers' dairies has been carried out.

Number of dealers licenced	5
Number of dealers premises in district	4
Number of dealers premises inspected	4

OFFENSIVE TRADES

Number dealt with	---
-------------------	-----

ANIMALS

Number of cases causing nuisance	---
----------------------------------	-----

LODGING HOUSES

Number registered	---
-------------------	-----

CLERICAL WORK

Number of letters received	1621
Number of letters written	1534
Number of Preliminary Notices served	10
Number of Preliminary Notices complied with	7

LEGAL PROCEEDINGS

Number of abatement notices served	4
Number of abatement notices complied with	3
Number of prosecutions	---

FOOD & DRUGS

Particulars of the samples taken under the Food & Drugs Act, 1938, in the St. Asaph Rural District Council area for the year ended 31st December, 1950, as supplied by the County Sanitary Inspector	Article	Number of Samples taken	Genuine	Not Genuine or below Standard
	Milk			8
	Ice Cream	24	16	
	Sausages	4	4	
	Whiskey	2	2	
	Potted Beef	1	1	
	Semolina	1	1	
	Sweets	1	1	
	Potted Salmon	1	1	
	Meat Pie	1	1	
	Vinegar	1	1	
		<u>37</u>	<u>29</u>	<u>8</u>

The eight milk samples reported as not being genuine were not adulterated. They were poor quality milks being low

in solids and fat. The attention of the producers was drawn to the matter.

Details of food certified as unfit for human consumption:-

<u>Description</u>	<u>No. of Tins</u>	<u>Weight</u>	<u>No.</u>
Salmon and Shrimp Paste		25 lbs	
Malt Chocolate	1		
Potatoe	1		
Soup	283		13 packets
Waffle Powder			1 packet
Sandwich Spread			4 bottles
Beef Extract			2 bottles
Danish Concentrated Chicken Broth	68		
Frutella Sauce			5 packets
Mustard Sauce			6 bottles
Barley Pudding Mixt.			4 packets
Dried Herbs	47		
Stuffing			74 packets
Salt			77 packets
Carrots	23		
Ground Ginger			8 packets
Ground cinamon			5 packets
Ground curry powder			11 packets
Ground nutmeg			2 packets
Mixed spice			2 packets
Smoked Haddock		32 stones	
Ham		56 lbs -	
		14 czs.	
Gammon		69 lbs.	
Coffee	48		
Post Toasties		10 lbs.	
Kippers		49 lbs	5 boxes
Tomati Spaghetti Pearls in Tomato Sauce	32		
Barley	4		
Barley			1 packet
Ungers Spaghetti in Tomato Sauce	8		
Beans	61		
Jenner's Malted Soyacream	2		
Beetroot	20		
Ocean Chief Fish Flakes	1		
Pickled Onions			17 bottles
Chocolate Spread	8		
Marinated Mussels	22		
Spaghetti	12		
Patent Cooked Scotch Oatmeal	12		
Choc. Flavoured Wheaton Food	4		
Patent Groats	22		
Flat Fillets of Anchovies	3		
Lemonade Chrystals	10		
Cocoa			16 packets
Hugens Torox Cubes			3 boxes each containing 144 cubes
Barnes' White Turnips	43	1½ lbs	
Spinach	41		
Peas	50		
Sauce			18 bags
Kellogs All Bran			47 bottles
			1 packet

<u>Description</u>	<u>No of Tins</u>	<u>Weight</u>	<u>No.</u>
Sardine & Tomato Paste			4 jars
Strained Apple, prune & Custard	2		
Tomato Juice	8		
Mushroom Ketchup			5 bottles
Herring & Tomato paste			3 jars
Milo Tonic Food	2		
Egg Substitute		$\frac{1}{2}$ oz.	1 packet
Fruit Chutney		14 ozs	4 bottles
Jam	2		
Quaker Oats			1 packet
Sponge Flour			1 packet
Breakfast Flakes		$\frac{1}{2}$ lb	1 packet
Blanc Mange		3ozs	1 packet
Bournvita	1		
Orange Squash			1 bottle
Silver Flake	3	15 ozs.	
Junket Powder			3 packets
Beef & Veg. Extract			2 jars
Jaffa Juice			6 jars
Dessert Sauce			41 packets
Lemon Squash			2 bottles
Blackcurrant Squash			1 bottle
Macedoine	35		
Date pudding	46		
Sieved Apple	5		
Mixed Vegetable	11		
Pickled Onions			11 jars
Mixed Essence			96 bottles
Sucek	2		
Jaffa Juice			2 bottles
Lemonade Powder			1 packet
Jelly Cream			2 packets
Coffee Extract			3 bottles
Fruitella Sauce			13 packets
Mixed Spices		1 oz	37 packets
Marshall's Farola			1 packet
Bacon		13 lbs 2 ozs.	
Evap. Milk	42		
Pears	1	22 lbs	
Oranges		30 lbs	
Apples		16 lbs	
Pork Pies			10
Sausage		23 $\frac{1}{2}$ lbs	
Cork Haslet		6 $\frac{1}{2}$ lbs	
Grapefruit		4 lbs	
Grapes		6 lbs	
Tomatoes		30 $\frac{1}{2}$ lbs	
Grade B. eggs			19
Potatoes Grade B		70 lbs	
Crawfish	2	$\frac{1}{2}$ lb	
Yellow Peaches	1	2 $\frac{1}{2}$ lbs	
Brisket Beef		4 $\frac{1}{2}$ lbs	
Tomato Juice	1	20 ozs	
Luncheon Meat	1	7 ozs	
Seconda Large Lemons			6 cases - 300
Chicken Paste	1	6 lbs	
Peaches			7
Blue Vein Cheese		3 $\frac{1}{2}$ lbs	
Plums		7 lbs	
Peaches			8
Iced Sandwich			2
Cake		2 lbs	
Roast Chicken	1	2 $\frac{1}{2}$ lbs	
Pears		13 ozs	1 bottle
Strawberries	1	20 ozs	
Danish Pork	1	1 lb	

<u>Description</u>	<u>No. of Tins</u>	<u>Weight</u>	<u>No.</u>
Minced Beef	1	12 ozs	
Brisling	1	3 $\frac{1}{2}$ ozs	
Fresh Liver		2lbs 2ozs	

Rain Gauge

Diameter of funnel - 5 inches
 Height of top above ground - 12 inches
 Height of ground above sea level - 195 feet.

 RHYL'S RAINFALL - 10 years average

Average Rainfall for 10 years, in inches, is as follows:-

1941	-	19,73	1946	-	29,30
1942	-	22,90	1947	-	29,93
1943	-	26,14	1948	-	24,04
1944	-	26,02	1949	-	21,31
1945	-	19,66	1950	-	25,67

Yearly average for
 10 years
 24.12

Yearly average for
 20 years
 25.17

PART VIII of the Act

OUTWORK

Section 110		Section 111					
(Sections 110 & 111)		Section 111					
Nature of Work	M/c line No.	No of outworkers in August list required by Sect. 110 (1)(c)	No of cases of default in sending lists to the Council	No of prosecutions for failure to supply lists.	No of instances of work in unwholesome premises	Penalties served	Prosecutions
Wearing) Making etc., apparel) Cleaning & Washing	1	---	---	---	---	---	---
OTHER OUTWORK - "NIL"							

Part 1 of the Act

(1) Inspections for purposes of provisions as to health (including inspections by Sanitary Inspectors)

PREMISES (1)	M/c line No. (2)	Number on Register (3)	Inspections (4)	Number of Written Notices (5)	Occupiers prosecuted (6)	M/c line No. (7)
(1) Factories in which Sections 1, 2, 3, 4, & 6 are to be enforced by Local Authorities	1	39	30	Nil	Nil	1
(2) Factories not included in (1) in which Sec. 7 is enforced by the Local Authority	2	52	29	Nil	Nil	2
(3) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises.)	3	--	--	--	--	3
<u>TOTAL</u>		71	59	Nil	Nil	

2. CASES IN WHICH DEFECTS WERE FOUND.
 (If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases")

PARTICULARS	M/c line No.	Number of cases in which defects were found			Number of cases in which prosecutions were instituted (7)	M/c line No.
		Found	Remedied	Referred To H.M. Inspector By H.M. Inspector		
(1)	(2)	(3)	(4)	(5)	(6)	(8)
Want of cleanliness (S.1.)	4	1	1	Nil	Nil	4
Overcrowding (S.2)	5	---	---	---	---	5
Unreasonable temperature (S.3)	6	---	---	---	---	6
Inadequate ventilation (S.4)	7	---	---	---	---	7
Ineffective drainage of floors (S.5)	8	---	---	---	---	8
Sanitary Conveniences (S.7)(a) insufficient	9	1	1	---	---	9
(b) Unsuitable or defective	10	---	---	---	---	10
(c) Not separate for sexes	11	---	---	---	---	11
Other offences against the Act (not including offences relating to Outwork)	12	---	---	---	---	12
TOTAL		2	2	Nil	Nil	60

Details of Bacteriological Analysis of Samples
of Water sent to the Public Health Laboratory Conway in
1950.

Nature of Sample	Date & hour of Coll.	C O U N T		Probable No. of coliform bacilli, MacConkey 2 days 57°C	Approx. proportions of Faecal & Non-Faecal Coli	REMARKS
		(a) Yeastrel agar 3 days 22°C aerobically	(b) Yeastrel agar 2 days 37°C aerobically			
Raw Water taken from land spring Reservoir Rhualt Water supply Storage Tank.	10.28 a.m. 27.2.50	0 per m.l.	0 per m.l.	0 per 100 m.l.	Faecal Coli 0 per 100 m.l.	Mins. of Health Classification Class 1. Highly Satisfactory
Raw Water taken from land spring Reservoir, Water Supply, Storage Tank	10.21 a.m. 27.2.50	1 per m.l.	1 per m.l.	0 per 100 m.l.	Faecal Coli 0 per 100 m.l.	-do-
Raw water taken from land spring Reservoir Ty Draw Supply, Bodfari	10.10 a.m. 22.2.50	15 per m.l.	10 per m.l.	5 per 100 m.l.	Faecal Coli 2 per 100 m.l.	This sample appeared to contain a very small number of faecal coli.
Raw Water taken from public stand-pipe near Bodfari P.O.	10.20 a.m. 22.2.50	4 per m.l.	0 per m.l.	0 per 100 m.l.	Faecal Coli 0 per 100 m.l.	Highly satisfactory
Raw water taken from Reservoir Llety'r Eos Supply Bodfari	10.52 a.m. 22.2.50	50 per m.l.	25 per m.l.	250 per 100 m.l.	Faecal Coli 25 per 100 m.l.	Unsatisfactory
Raw water from Reservoir Adwy Wynt Supply, Bodfari	10.50 a.m. 22.2.50	200 per m.l.	100 per m.l.	25 per 100 m.l.	Faecal Coli 0 per 100 m.l.	Satisfactory

Nature of Sample	Date & hour of Coll	P L A T E C O U N T		Probable No. of coliform bacilli, MacConkey 2 days 37°C	Approx. proportions of Faecal & Non-Faecal Coli	R E M A R K S
		(a) Yeastbrel agar 3 days 22°C aerobically	(b) Yeastrel agar 2 days 37°C anaerobic			
Raw Water from Aelwyd Uchaf, Cwm Supply Storage Tank	10.0 a.m. 7.3.50	150 per m.l	15 per m.l	0 per 100 m.l	Faecal Coli 0 per 100 m.l	Ministry of Health Classification Class 1. Highly Satisfactory.
Raw water taken from Fron Cave Supply Cwm. Tap in yard of Fron Farm, Cwm.	10.17 a.m. 1.3.50	4 per m.l	0 per m.l	0 per 100 m.l	Faecal Coli 0 per 100 m.l	do.
Raw water taken from Church Woods supply Cwm Storage Tank	10.27 a.m. 1.3.50	40 per m.l	2 per m.l	13 per 100 m.l	Faecal Coli 6 per 100 m.l	This sample appeared to fountain a small number of faecal coli. It cannot be considered up to standard for a public supply.
Raw water taken from land spring direct.Nr Bryniau Isa, Cwm, Dyserth	10.0 a.m. 21.3.50	30 per m.l	3 per m.l	35 per 100 m.l	Faecal Coli 0 per 100 m.l	Satisfactory for a land spring water
Unfiltered, chlorinated water taken from public standpipes near Broad-awel, Tremeirchion, Mynydd Bychan, Tremeirchion Supply.	10.0 a.m. 12.12.50	0 per m.l	0 per m.l	0 per 100 m.l	Faecal Coli 0 per 100 m.l	Ministry of Health Classification Class 1. Highly Satisfactory.
Unfiltered chlorinated water taken from public standpipe near Brodawel Tremeirchion. Mynydd Bychan, Tremeirchion Supply.	10.0 a.m. 19.12.50	0 per m.l.	0 per m.l	0 per 100 m.l	Faecal Coli 0 per 100 m.l	-do-

