

**[Report 1948] / 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.

**Publication/Creation**

1948

**Persistent URL**

<https://wellcomecollection.org/works/ef67qgcs>

**License and attribution**

You have permission to make copies of this work under a Creative Commons, Attribution license.

This licence permits unrestricted use, distribution, and reproduction in any medium, provided the original author and source are credited. See the Legal Code for further information.

Image source should be attributed as specified in the full catalogue record. If no source is given the image should be attributed to Wellcome Collection.



Wellcome Collection  
183 Euston Road  
London NW1 2BE UK  
T +44 (0)20 7611 8722  
E [library@wellcomecollection.org](mailto:library@wellcomecollection.org)  
<https://wellcomecollection.org>

28 OCT 1949

ST. ASAPH RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the

MEDICAL OFFICER OF HEALTH

and the

SANITARY INSPECTOR

for the year

1948





Cwm is similarly supplied to Bodfari. One source (Aelwyd Ucha) fails completely during dry weather, and on these occasions the supply is augmented from the Birkenhead Corporation Supply, via Holywell R.D.C.

Tremeirchion is supplied by works constructed by the Council. The quantity is totally inadequate during the dry weather, and during the year a pump was installed by a nearby stream so as to augment the supply when necessary.

Rhuallt is supplied by springs in the neighbourhood.

Waen is supplied from works constructed by the Council. Though the supply is adequate, the supply to the consumers is often inadequate owing to the bad state of the mains due to corrosion.

#### General Remarks

Consulting Engineers engaged by the Council have now brought out a scheme for providing an adequate and pure water supply to the parishes of Bodfari, Cwm, Waen, Tremeirchion and Rhuallt.

#### Properties supplied with water by the Council.

	<u>Total No.</u> <u>of houses.</u>	<u>No. supplied with water</u>	
		<u>(a) into houses</u>	<u>(b) Standpipes.</u>
Cwm	110	96	6
Bodfari	122	76	14
Tremeirchion	174	104	19
Waen	68	63	3

This amounts to 85% of the population in this area with a piped water supply. 10% supplied by Standpipes and the remaining 5% are without piped supply.

#### DRAINAGE AND SEWERAGE

Bodelwyddan, Bodfari and Tremeirchion are without Sewerage Schemes, and Rhuddlan is without a disposal works. Outline Schemes in respect of Bodelwyddan, Rhuddlan and Tremeirchion have been accepted by the Council.

#### RIVERS AND STREAMS

No action was found necessary during the year.

#### CLOSET ACCOMMODATION

In areas supplied by sewers very few privies remain. In other parts 90% have privies with fixed receptacles and 10% privies with removable receptacles.

#### PUBLIC CLEANSING

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

#### SHOPS AND OFFICES

No action required during the year.

#### CAMPING SITES

The Maesgwilym Camp is now licensed for the summer months only, and the number of hutments is strictly limited by the Council. The water supply is satisfactory.

#### SMOKE ABATEMENT

No action was necessary during the year.

#### SWIMMING BATHS AND POOLS

There are no public baths or pools in the Rural District.

### ERADICATION OF BED BUGS

No action required during 1948.

### SCHOOLS

No closure owing to infectious disease required during the year.

### DIPHTHERIA IMMUNISATION

Up to July 5th 1948, 43 children under 5 years and 2 children between the ages of 5 and 15 years had been immunised. The total number of children under 15 years of age immunised at any time before July 5th was 1,264 being 353 under 5 years and 911 between 5 and 15 years.

### MEAT AND OTHER FOODS

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

### TUBERCULOSIS

The Welsh National Memorial Association, under the Administration of the Regional Hospital Board, provide for these cases at their Sanatoria at Penyffordd and Llangwyfan. Aftercare is provided by fulltime physicians and nurses, and there is a Tuberculosis Dispensary at Edward Henry Street, Rhyl.

### VENEREAL DISEASES

The nearest clinic for the treatment of these diseases is at Chester Royal Infirmary. The treatment is confidential, free, and inclusive of travelling expenses.

### MATERNITY AND CHILD WELFARE

The needs of the district are met by clinics at Rhyl and St.Asaph.

### SMALLPOX

In event of an outbreak arrangements can be made for the isolation and treatment of cases through the County Council and the Regional Hospital Board.

### DISINFECTION

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

### LABORATORY FACILITIES

These exist at the Public Health Laboratory at Conway. Seven examinations of raw water were made during the year. These showed the water supplies to the parishes of Tremèirchion and Bodfari to be contaminated at some period of the year.

Details of Bacteriological Analysis of Samples of Water  
sent to the Public Health Laboratory Conway in 1948.

Date & hour of Coll.	Nature of Sample	PLATE		Probable No. of coliform bacilli, Mac Conkey 37°C	Approximate proportions of Faecal and Non-Faecal Coll.	REMARKS
		(a) Yeastrel agar 22°C aerobically	(b) Yeastrel agar 37°C aerobically			
10-50 a.m. 26:1:48	Raw water taken from reservoir. Storage tank at Llety'r Bos, Bodfari.	106 per ml.	9 per ml.	900 per 100 ml.	Faecal Coll 35 per 100 ml.	This sample shows evidence of recent excretal pollution.
11.0 a.m. 26:1:48	Raw water taken from reservoir. Tyn y Ffordd Bodfari.	0 per ml.	0 per ml.	25 per 100 ml.	Faecal Coll 2 per 100 ml.	This sample contained a very small number of coliform organisms which appeared to be of faecal type. It must therefore be regarded with suspicion, and it would be advisable to sample the source further, to determine whether it is liable to serious pollution.
12.45 p.m. 27:1:48.	Raw water taken from reservoir. Storage tank at Adwy Wynt, Bodfari.	50 per ml.	7 per ml.	900 per 100 ml.	Faecal Coll 0 per 100 ml.	This sample gave a highly presumptive coliform count, but at the time of sampling there was no evidence of recent excretal pollution.
11-30 e.m. 26:1:48	Raw water taken from reservoir. Storage tank above Ballyllin, Bodfari.	72 per ml.	0 per ml.	600 per 100 ml.	Faecal Coll 70 per 100 ml.	This sample shows evidence of recent excretal pollution.

Date & hour of Coll.	Nature of Sample	Falsification (a)	Cultivation (b)	Probable No. of coliform bacilli, MacConkey 2 days 37° C	Approximate proportions of Faecal and Non-Faecal Coli.	REMARKS
11-10 a.m. 13:4:48.	Raw water taken from storage tank, Vaen water supply	2 per ml.	0 per ml.	0 per 100 ml.	Faecal Coli 0 per 100 ml.	Very Satisfactory,
11-15 a.m. 13:4:48	Raw water taken from storage tank. Rhualt water supply. Storage tank Rhualt, St Asaph.	2 per ml.	1 per ml.	0 per 100 ml.	Faecal Coli 0 per 100 ml.	Very Satisfactory.
11-35 a.m. 13:4:48	Raw water taken from storage tank Trem-eirchion, St. Asaph.	35 per ml.	0 per ml.	0 per 100 ml.	Faecal Coli 0 per 100 ml.	Very Satisfactory
11-55 a.m. 25:6:48	Raw water taken from spring direct. Aelwyd Tchaif, Trem-eirchion, St. Asaph.	206 per ml.	200 per ml.	350 per 100 ml.	Faecal Coli 25 per 100 ml.	The specimen shows a large number of coliform organisms some of which are of recent excretal origin. The water is unsuitable, in its present state, for drinking purposes.



## HOUSING

During 1948 the following houses were completed and occupied:-

	<u>For the Local Authority</u>	<u>Private Houses.</u>
Bodelwyddan	-	3
Bodfari	6	1
Gwm	6	-
Dyserth	-	11
Rhuddlan	6	7
Total	<u>18</u>	<u>22</u>

The six Council Houses at Rhuddlan comprise 6 flats and 2 houses (2 Flats equal one house for building permit purposes)

## VITAL STATISTICS.

### (A) BIRTH RATE.

The total number of births registered in the district during 1948 as given by the Registrar General was 151 of which 86 were male and 71 female. There were 10 illegitimate births, four male and 6 female.

The birth rate was 18.5 per 1000 of the resident population as compared with a rate of 17.9 per 1000 population for England and Wales as a whole.

There were two stillbirths during the year.

### (B) DEATH RATE.

The total number of deaths registered in the district during 1948 as given by the Registrar General was 96 comprising 52 males and 44 females. This gives a Death Rate of 11.8 per 1000 resident population as compared with 10.8 per 1000 population for England and Wales.

The higher than average figure for the district is due to the fact that there is a large number of people living in retirement in proportion to the remainder of the resident population.

### (C) INFANTILE MORTALITY

There were 5 deaths of infants under one year of age equivalent to a mortality rate of 33.1 per 1000 live births as compared with 34 per 1000 live births for England and Wales.

This figure is most satisfactory.

### (D) INFECTIOUS DISEASES

129 cases of infectious disease were notified during 1948 consisting of:-

Scarlet Fever	3	Puerperal Fever	1
Pneumonia	18	Measles	57
Whooping Cough	49	Erysipelas	3

### (E) ZYMOTIC MORTALITY

There were 6 deaths from pneumonia and one from influenza.

### (F) PULMONARY TUBERCULOSIS

There were four deaths from pulmonary tuberculosis a mortality

13

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

3

rate of 0.49 per 1000 of the resident population as compared with a rate of 0.44 per 1000 population for England and Wales.

(G) TUBERCULOSIS (OTHER FORMS)  
The bins now in operation are at St. Asaph and Dwyerth. Owing to labour difficulties it is not possible to

There were no deaths in this group.

(H) OTHER RESPIRATORY DISEASES

There were two deaths under this heading equivalent to a rate of 0.25 per 1000 of the resident population.

(J) DEATH RATE FROM CANCER.

16 deaths from cancer were recorded, the mortality rate being 1.96 per 1000 of the estimated population.

1898  
1918  
1928  
1938  
1948

Number of Pail Closets emptied  
Number of Ashbins emptied  
Number of Ashpits emptied  
Number of Loads of Refuse  
Number of tons of Refuse

13

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

3

The bins now in operation are at St. Asaph and Dwyerth. Owing to labour difficulties it is not possible to

13

Number of Pail Closets emptied  
Number of Ashbins emptied  
Number of Ashpits emptied  
Number of Loads of Refuse  
Number of tons of Refuse

3

The bins now in operation are at St. Asaph and Dwyerth. Owing to labour difficulties it is not possible to

1898  
1918  
1928  
1938  
1948

Number of Pail Closets emptied  
Number of Ashbins emptied  
Number of Ashpits emptied  
Number of Loads of Refuse  
Number of tons of Refuse

13

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

3

The bins now in operation are at St. Asaph and Dwyerth. Owing to labour difficulties it is not possible to

13

Number of Pail Closets emptied  
Number of Ashbins emptied  
Number of Ashpits emptied  
Number of Loads of Refuse  
Number of tons of Refuse

3

The bins now in operation are at St. Asaph and Dwyerth. Owing to labour difficulties it is not possible to

ANNUAL REPORT OF THE SANITARY INSPECTOR.

FOR THE YEAR 1948.

-----

GENERAL INFORMATION.

WATER SUPPLIES

The supplies to Bodfari, Cwm and Tremeirchion dried up considerably during the Summer months. In Bodfari it became necessary to ration the supply, and in Tremeirchion the services of the N.F.S. were obtained for a long period.

CONTROL OF CIVIL BUILDING

Restrictions remained very tight in this sphere and little building took place by private enterprise.

Licences for houses were issued as follows:-

- 1 Bungalow at St.Asaph for Mr de Jersey.
- 1 House " Waen " Mrs A.J. Jones.

Both these dwellings were for Agricultural Workers.

INSPECTIONS.

Total number of inspections and visits made 930

INFECTIOUS DISEASES

Number of cases inquired into, including Scabies 4  
Number of Houses disinfected 5

DWELLINGS

Number made fit for habitation 22  
Number of cases of overcrowding 41

DRAINAGE ETC.,

Number laid or relaid 50  
Number cleaned, trapped and ventilated 8  
Number of new water closets 13  
Number of repairs to water closets 51  
Number of new privies and ashpits --  
Number of privies converted into W.C.'s --

SCAVENGING

During the year the Council's scavenging scheme was extended to Cwm and Waen parishes and an extra man was hired.

Number of Pail Closets emptied 1698  
Number of Ashbins emptied 41018  
Number of Ashpits emptied 498  
Number of Loads of Refuse 715  
Number of tons of Refuse 1430

REFUSE

Number of accumulations removed 13  
Number of notices in respect of new bins 3

REFUSE TIPS

The tips now in operation are at St.Asaph and Dyserth. Owing to labour difficulties, it is not possible to

practice controlled tipping.

WATER

Number of new places supplied	17
Number of repairs, fittings etc.,	120

DAIRIES AND COWSHEDS

Number of new dairies erected	2
Number of cowsheds erected	2
Number of dairies repaired	5
Number of cowsheds repaired	17
Number of persons registered	168
Number of registered places in use and inspected	168

OFFENSIVE TRADES

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

ANIMALS

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

LODGING HOUSES

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

CLERICAL WORK

Number of letters received	1480
Number of letters written	1550
Number Preliminary Notices served	9
Number of Preliminary Notices complied with	9

LEGAL PROCEEDINGS

Number of abatement notices served	1
Number of abatement notices complied with	1
Number of prosecutions	---

FOOD AND DRUGS

Details of food certified as unfit for human consumption:-

<u>Description</u>	<u>No. of tins</u>	<u>Weight</u>	<u>No</u>
Hake	7	6 stone	
Pate de Foie	7		
Bacon	1	10 lbs.	
Oranges		388 lbs.	
Peas	22	5 $\frac{1}{2}$ lbs.	
Tinned Milk	82		
Tinned Beans	6		
Pilchards	2		
Salmon	1		
Lemons		22 lbs.	
Carrots	3	27 cwt 8 $\frac{1}{2}$ lbs.	
Sausage		19 $\frac{1}{2}$ lbs.	
Spam	1		
Sardines	7		
Eggs			204
Cod		6 $\frac{1}{4}$ lbs.	
Haddock		3 $\frac{1}{2}$ lbs.	
Sauce			9 bottles
Pork Luncheon Meat	2		
Soup	5		
Peaches	3		20
Mars Bars			1
Grape Fruit	2	15 lbs.	22
Beef		49 $\frac{1}{2}$ lbs.	
Tomatoes	4		

<u>Description</u>	<u>No. of tins</u>	<u>Weight</u>	<u>No.</u>
Pears	32	24 $\frac{3}{4}$ lbs.	5 cases
M & V	5		
Mixed Vegetables	1		
Mixed Pickle			24 bottles
Mince Meat			33 jars
Apricots	2		
Apples	1	66 $\frac{1}{2}$ lbs.	
Spinach	10		
Butter		$\frac{3}{4}$ lbs.	
Chutney			2 jars
Grapes	5	14 lbs	
Mussels	9		
Meat Lunch	2		
Spaghetti	1		
Sprouts		14 lbs.	
Mustard	3		
<b>TOTAL</b>	<b>224</b>	<b>30 cwt 68<math>\frac{3}{4}</math> lbs.</b>	

### FOOD AND DRUGS ACT

Particulars of samples purchased under the above Act in the St. Asaph District during the year ended 31st December, 1948, as supplied by the Police Superintendent, Rhyl, and the County Sanitary Inspector.

Particulars of samples supplied by the Police Superintendent, Rhyl.

<u>Description of Sample.</u>	<u>Number Taken.</u>	<u>Number Genuine</u>	<u>Number Not Genuine</u>
New Milk	19	17	2 (Cautioned)
Gelatine	1	1	
Barley Flakes	1	1	
Malt Vinegar	2	2	
Millers Golden Raising Powder	1	1	
Granulated sugar	1	1	
	<u>25</u>	<u>23</u>	<u>2</u>

Particulars of samples supplied by the County Sanitary Inspector.

<u>Description of Samples</u>	<u>Number Purchased</u>	<u>Number Genuine</u>	<u>Number Not Genuine</u>	<u>Administrative Action</u>
Milk	20	14	6	Warning letters sent to vendors
Beef Sausages	2	2		
Sausage Meat	1	1		
Jam	1	1		
Jam Tarts	1	1		
Sal Volatile	1	1		
Boracic Ointment	1	1		
Olive Oil	1	1		
Balsom of Aniseed	1	1		
Gelatine	1	1		
Meat Soup	1	1		
<b>TOTAL</b>	<b>31</b>	<b>25</b>	<b>6</b>	

The 6 milk samples which were not genuine are as follows:-

1. 4 samples low in solids not fat
2. 1 sample low in fat and solids not fat
3. 1 sample low in fat contents.

RAINFALL IN 1948

AT

YR ARDD, DENBIGH.

Month	Total Depth (Inches)	Greatest fall in 24 hours	Date	No. of days with .01 or more	No. of days with .04 or more.
January	6.53	.75	12	32	23
February	1.51	.43	2	15	8
March	1.38	.91	31	6	5
April	1.52	.42	2	16	8
May	1.11	.36	23	10	7
June	3.18	.93	3	19	14
July	2.02	.57	31	18	11
August	2.50	.76	11	18	12
September	1.50	.59	12	18	9
October	1.86	.40	24	19	13
November	1.36	.23	13	17	12
December	4.40	.80	29	19	15
<b>TOTAL</b>	<b>28.87</b>				

Average total depth for past 10 years - 29.60 in.

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:-

1939	-	27.01	1944	-	26.02
1940	-	29.32	1945	-	19.66
1941	-	19.73	1946	-	29.30
1942	-	22.90	1947	-	29.93
1943	-	26.14	1948	-	24.04

Yearly average for 10 years

25.40

11.

OUTWORK - "NIL".

FACTORIES ACTS, 1937 and 1948.

Part 1 of the Act.

(1) Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspector\*)

Premises (1)	W/c line No. (2)	Number on Register (3)	Inspections (4)	Number of		Occupiers prosecuted (6)	W/c line No. (7)
				Written Notices (5)			
(1) Factories in which Sections 1, 2, 3, 4 and 5 are to be enforced by Local Authorities.....	1	35	32	2	NIL	1	
(11) Factories not included in (1) in which Section 7 is enforced by the Local Authority.....	2	52	30	1	NIL	2	
(111) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises).....	3						
TOTAL		87	62	3	NIL	3	

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.	M/c line No.
		Found	Remedied	To H.M. Inspector	By H.M. Inspector.		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Want of cleanliness(S.1)	4	1	1	Nil	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.6)	8	—	—	—	—	—	8
Sanitary Conveniences (S.7)	9	—	—	—	—	—	9
(a) insufficient	9	—	—	—	—	—	9
(b) Unsuitable or defective	10	—	—	—	—	—	10
(c) Not separate for series	11	1	1	Nil	Nil	Nil	11
Other offences against the Act(not including offences relating to Outwork)	12	—	—	—	—	—	12
TOTAL	60	2	2	Nil	Nil	Nil	60.



Handwritten notes at the top of the page, including the number '11' and some illegible text.

Time	Temp	Humidity	Wind	Pressure	Clouds	Remarks
(5)	(3)	(4)	(6)	(8)	(9)	(10)
1	1	2	XII	101	1	1
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						