

[Report 1954] / Medical Officer of Health, Blandford Forum Borough.

Contributors

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Public Health Department,
Civic Centre,
Wimborne.

TO: -

His Worship the Mayor, Aldermen and Councillors of the
Borough of Blandford.

The Annual Report on the health and sanitary circumstances
of the Borough is submitted for your consideration and information.
The Report is presented as follows:-

- A. Vital Statistics.
- B. General provisions of Health Services
in the Area.
- C. Sanitary Circumstances of the Area:-
 - 1. Water.
 - 2. Sewerage.
 - 3. Rodent Control.
- D. Factories and Workshops
- E. Housing.
- F. Inspection and Supervision of Food
- G. Prevalence of Infectious Diseases.

Much of the routine sanitary work of the Public Health
Department has not been carried out, nor can be, until the
department is adequately staffed.


I have much appreciated the help and co-operation given to
me by my professional colleagues in practice in the Borough.

In conclusion, I wish to thank members of the Council and other
Council officials who have extended to me courtesy and assistance.

J.B.M. Mayes.

JULY, 1955

MEDICAL OFFICER OF HEALTH



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1954
BOROUGH OF BLANDFORD FORUM

HIS WORSHIP THE MAYOR

Councillor J.L. Carter.

ALDERMEN

Miss E.G. Castleman-Smith.

D.S. Cuff

B.C. Hunt.

C.M. Timbrell

COUNCILLORS

Mrs. E.M. Biddulph.

T.W. Fowler

D. Gent.

G.R.J. Haskett

E.H. Jones.

R.J.W. King

A. Powis.

E.G. Riggs

J. Trickett.

Miss A.A. Williams.

F. Wyatt.

1921
RECORD OF BOARDING HOUSE

FOR THE YEAR

Commencing 1st Jan.

ADMISSION

Mrs. E. E. Gresham, 1st.

E. C. Hunt.

DEPARTURE

Mrs. E. E. Gresham, 1st.

E. C. Hunt.

E. E. Gresham.

A. E. Hunt.

E. E. Gresham.

E. E. Gresham.

E. E. Gresham.

E. E. Gresham.

E. E. Gresham.

E. E. Gresham.

E. E. Gresham.

E. E. Gresham.

E. E. Gresham.

PUBLIC HEALTH COMMITTEE

CHAIRMAN

Councillor J. Trickett.

His Worship the Mayor - Alderman J.L. Carter

Alderman Miss E.G. Castleman-Smith

Councillors:- Mrs. E.M. Biddulph

T.W. Fowler

A. Powis

Miss A.A. Williams

F. Wyatt.

HOUSING COMMITTEE

CHAIRMAN

Councillor D. Gent

His Worship the Mayor - Alderman J.L. Carter

Councillors:- Mrs. E.M. Biddulph

G.R.J. Haskett

R.J.W. King

E.G. Riggs.

Miss A.A. Williams

These two Committees deal with all matters appertaining to
Public Health.

PHILIP HEALING COMMITTEE

Committee on Public Health

CHAIRMAN

His Worship the Mayor - Alderman J.L. Carter

Alderman Mrs E.C. Castleman-Smith

Committee - Mrs. J.W. Smith

T.W. Taylor

A. Lewis

Mrs A.A. Williams

E. Taylor

PHILIP HEALING COMMITTEE

Committee on Public Health

CHAIRMAN

His Worship the Mayor - Alderman J.L. Carter

Committee - Mrs. E.W. Smith

O.E.L. Roberts

R.L.W. King

R.C. Evans

Mrs A.A. Williams

These two Committees deal with all matters pertaining to
Public Health.

STAFF OF THE PUBLIC HEALTH DEPARTMENT

MEDICAL OFFICER OF HEALTH

J.B.M. Mayes, M.B., B.S., M.R.C.S., L.R.C.P., D.P.H

SANITARY INSPECTOR AND SURVEYOR

W.E. Ramm. M.R. San. I. M.S.I.A. R.P.

VETERINARY SURGEONS

Major F. Beckett, F.R.C.V.S., and his Staff (acting as
Meat Inspectors)

The Medical Officer of Health holds in addition the following appointments:-

Medical Officer of Health to the Rural District of Blandford

Medical Officer of Health to the Urban District of Wimborne

Medical Officer of Health to the Wimborne and Cranborne Rural District.

School Medical Officer and Assistant Medical Officer to the
Dorset County Council.

Office accommodation and clerical assistance is provided for the

Medical Officer of Health jointly by the Authorities concerned.

STATE OF THE PUBLIC HEALTH SERVICE

MENTAL DIVISION OF HEALTH

J. E. Myers, M.D., M.P.H., M.S., M.A., M.B., D.P.H.

SANITARY INSPECTOR AND SURVEYOR

V. E. Lane, M.D., M.P.H., M.S., M.A., M.B., D.P.H.

VETERINARY SURVEYOR

Major E. Beckwith, V.E.C.V.S., and his Staff (acting as
Health Inspectors)

The Medical Officer of Health holds in addition the following appointments:

Medical Officer of Health to the Board of Health or Sanitation

Medical Officer of Health to the Board of Health or Sanitation

Medical Officer of Health to the Board of Health or Sanitation

Medical Officer of Health to the Board of Health or Sanitation

Dorset County Council.

Office accommodation and official residence is provided for the

Medical Officer of Health jointly by the Authorities concerned.

SECTION A
GENERAL STATISTICS

1. Area of the Borough..... 253 acres.
 2. Population as estimated by Registrar
General on 30/6/54.....3620
 3. Total number of inhabited houses on
31/12/54.....1455
 4. Rateable value as at 1st April, 1954.....£28,482
 5. Sum represented by penny rate at
1st April, 1954..... £109.11.6
-

SUMMARY OF VITAL STATISTICS
for the year 1954

<u>LIVE BIRTHS</u>	<u>Total</u>	<u>Male</u>	<u>Female</u>
Total registered.....	67	35	32
Legitimate.....	64	34	30
Illegitimate.....	3	1	2

STILLBIRTHS

Total registered.....	Legitimate.	3	2	1
	Illegitimate.	1	1	-

DEATHS

Total registered.....	43	17	26
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INFANT MORTALITY

Deaths of infants under one year of age.

Total registered.....	Legitimate..	3	2	1
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COMPARATIVE STATISTICS

	<u>Blandford.</u>	<u>England and Wales</u>
Live Birth Rate per 1,000 estimated home population.....	18.51.	15.28
Birth Rate per 1,000 estimated home population using comparability factor....	18.51	
Stillbirth rate per 1,000 total (live and still births).....	56.34.	23.37
Death Rate per 1,000 estimated home population.....	11.88	11.3
Death Rate per 1,000 estimated home population using comparability factor....	9.15	
Death Rate of infants under one year of age per 1,000 related live births.....	44.78	25.5

CAUSES OF DEATH DURING 1954

<u>CAUSE</u>	<u>Male.</u>	<u>Female.</u>	<u>Total</u>
Tuberculosis, respiratory.....	-	1	1
Malignant neoplasm, breast.....	-	1	1
Malignant neoplasm, uterus.....	-	1	1
Other malignant and lymphatic neoplasms...	2	2	4
Diabetes.....	-	1	1
Vascular lesions of nervous system.....	4	7	11
Coronary disease, angina.....	3	1	4
Other heart disease.....	1	5	6
Pneumonia.....	2	1	3
Bronchitis.....	-	1	1
Other diseases of respiratory system.....	1	-	1
Ulcer of stomach and duodenum.....	1	-	1
Congenital malformations.....	1	-	1
Other defined and ill-defined diseases...	-	3	3
Accidents.....	1	1	2
Suicide.....	1	1	2

COMPARATIVE STATISTICS
England and Wales

18.51	18.51	Live Birth Rate per 1,000 estimated base population.....
18.51	18.51	Birth Rate per 1,000 estimated base population using comparability factor....
56.34	56.34	Stillbirth rate per 1,000 total (live and still births).....
11.1	11.38	Death Rate per 1,000 estimated base population.....
	9.19	Death Rate per 1,000 estimated base population using comparability factor....
23.5	24.78	Death Rate of infants under one year of age per 1,000 related live births.....

CAUSES OF DEATH DURING 1951

<u>Cause</u>	<u>Male</u>	<u>Female</u>	<u>Total</u>
Tuberculosis, respiratory.....	1	1	2
Malignant neoplasms, stomach.....	1	1	2
Malignant neoplasms, uterus.....	1	1	2
Other malignant and unspecified neoplasms.....	1	1	2
Diabetes.....	1	1	2
Vascular lesions of nervous system.....	1	1	2
Coronary diseases, angina.....	1	1	2
Other heart diseases.....	1	1	2
Infectious diseases.....	1	1	2
Intoxication.....	1	1	2
Other diseases of respiratory system.....	1	1	2
Other diseases of circulatory system.....	1	1	2
Other diseases of digestive system.....	1	1	2
Other diseases of genitourinary system.....	1	1	2
Other diseases of miscellaneous diseases.....	1	1	2
Accidents.....	1	1	2
Self-harm.....	1	1	2

COMMENTS ON VITAL
STATISTICS

The Birth Rate for 1954 has risen. 18.51 in 1954, 15.49 in 1953, 14.30 in 1952, 18.84 in 1951

The number of births exceed the number of deaths by 24.
4 stillbirths have been recorded.

The crude Birth Rate was 18.51 per 1,000 estimated home population. By applying the Comparability Factor of 1.00, the standardised Birth Rate remained at 18.51.

43 persons died in 1954, of these 23 were over the age of 70 years. The crude Death Rate was 11.88 per 1,000 estimated home population. By applying the Comparability Factor of 0.77, the standardised Death Rate was 9.15. This is less than the Death Rate in England and Wales, 1954, and Blandford in 1953.

The Comparability Factor is worked out for each district by the Registrar General. The purpose of this factor is to level out the differences in the age and sex constitution of the population of the various districts, and enable more accurate comparisons to be made of birth and death rates in other areas.

There have been no deaths from diphtheria, whooping cough, meningococcal infections, measles, scarlet fever, nor from poliomyelitis.

There were no maternal deaths.

COMMENTS ON VITAL
STATISTICS

The birth rate for 1954 was 18.51 in 1954, 18.49 in 1955, 18.30 in 1956, 18.24 in 1957

The number of deaths caused the number of deaths by 24, a stillbirths have been recorded.

The crude birth rate was 18.51 per 1,000 estimated population. By applying the age-standardized factor of 1.05, the standardized birth rate remained at 18.51.

45 persons died in 1954, of whom 13 were over the age of 50 years. The crude death rate was 11.88 per 1,000 estimated population. By applying the age-standardized factor of 0.75, the standardized death rate was 8.91. This is less than the death rate in England and Wales, 1954, and Bradford in 1954.

The age-standardized factor is worked out for each district by the Registrar General. The purpose of this factor is to level out the differences in the age and sex composition of the population of the various districts, and enable more accurate comparisons to be made of birth and death rates in other areas.

There have been no deaths from diphtheria, whooping cough, meningococcal infections, measles, scarlet fever, or poliomyelitis. There were no natural deaths.

SECTION B
GENERAL PROVISIONS OF HEALTH SERVICE IN THE AREA

PUBLIC HEALTH LABORATORY

The Public Health Laboratory service at Dorchester has continued to give the district generous service. The Laboratory undertakes the bacteriological examination of water, milk, ice cream and other foods. It also examines specimens for diagnosis in the case of infectious, or suspected infectious diseases.

AMBULANCE SERVICE

The Ambulance Service of the district is under the jurisdiction of the Dorset County Council, operating day and night from Castleman House. This service also covers the Rural District.

MATERNITY AND CHILD WELFARE SERVICES

The Dorset County Council provide an ante-natal clinic and an infant welfare centre once a fortnight. These are held in the Congregational Hall.

DOMESTIC HELP SERVICE

The Dorset County Council have provided a service in Blandford and the surrounding district, which has proved satisfactory.

SECTION 2
GENERAL DIVISION OF HEALTH SERVICE IN THE AREA

PUBLIC HEALTH LABORATORY

The Public Health Laboratory service at Rochester has continued to give the district numerous services. The laboratory examines the bacteriological examination of water, milk, ice cream and other foods. It also examines specimens for diagnosis in the case of infectious or suspected infectious diseases.

AMBULANCE SERVICE

The Ambulance Service of the district is under the jurisdiction of the Board of Health, operating day and night from 1915 to 1916. This service also covers the Rural District.

MAINTENANCE AND REPAIR SERVICE

The Board of Health provides an ambulance clinic and an infant welfare center once a fortnight. These are held in the Corporation Hall.

GENERAL HEALTH SERVICE

The Board of Health have provided a service in Blenheim and the surrounding districts, which has proved satisfactory.

SECTION C
SANITARY CIRCUMSTANCES OF THE
AREA - WATER.

The water is supplied by the Blandford Water Undertaking owned by the Council. The two sources of water are at Black Lane and Blandford St. Mary. The former, a borehole, together with a group of "shallow wells" and adits, and the latter a "shallow well" with an adit. The depth of the borehole is 100 feet.

The total amount of water pumped during the water abstraction year was 153476,600 gallons. The water abstraction year runs from the 1st November to the 31st October, 1954.

49 new premises were connected to the mains during the year, and 11 in the Rural District.

191 houses are supplied with standpipes, the remainder have water inside the premises.

One sample was taken for chemical analysis from each of the sources of supply, the results were as follows:-

Blandford St. Mary Pumping Station

8th November, 1954.

I hereby certify that I have examined the above mentioned Sample with the following results:- (expressed as parts per million)

Ammonia, free.....	0.040
Ammonia, albuminoid.....	0.032.
Nitrites.....	Absent.
Nitrates as Nitric Nitrogen.....	7.44
Oxygen absorbed in 15 mins at 80 deg.F....	0.029
Oxygen absorbed in 4 hours at 80 deg.F...	0.1008
Chlorine.....	22.0
as Sodium Chloride.....	36.25
Hardness, temporary.....	212.5
Hardness, permanent.....	40.0
Hardness, total.....	252.5
Total solids.....	387.0
pH value.....	7.5
Metals.....	Trace Iron, lead, zinc, copper absent.
Colour.....	Colourless and clear.
Odour.....	none.
Free Chlorine.....	negligible.

Remarks

This is a clear bright water, hard in character, but the majority of the hardness is temporary and would be removed by boiling.

The nitrates are higher than in previous samples, but as the water is of high organic purity and the chemical analysis shows no sign of pollution, I am of the opinion that it is very satisfactory for both drinking and domestic purposes. However, it would be advisable to increase the chlorination so as to leave a residue of about 0.002 p.p.m.

8th November, 1954

Arthur S. Carlos B. Sc(Lond)
Public Analyst.

SECTION 2 SANITARY CONDITIONS IN THE WATER SUPPLY

The water is supplied by the Highland Water Undertaking Board to the Council. The two sources of water are at Black Lane and Blackford St. Wells. The former, a borehole, together with a group of "shallow wells" and others, and the latter a "shallow well" with an artesian. The depth of the borehole is 100 feet.

The total amount of water pumped during the water abstraction year was 15,545,000 gallons. The water abstraction year runs from the 1st November to the 31st October, 1934.

15 new premises were connected to the mains during the year, and 11 to the Sewer Mains.

151 houses are supplied with electricity, the remainder have water inside the premises.

One sample was taken for chemical analysis from each of the sources of supply, the results were as follows:-

Blackford St. Well (Artesian Borehole) 2nd November, 1934.

I hereby certify that I have examined the above mentioned sample with the following results:- (expressed as parts per million)

Ammonia, free.....	0.060
Ammonia, albuminoid.....	0.012
Nitrites.....	0.000
Nitrogen as Nitric Nitrogen.....	7.44
Oxygen absorbed in 15 mins at 50 deg.F.....	0.039
Oxygen absorbed in 1 hour at 50 deg.F.....	0.108
Chlorine.....	22.5
as Sodium Chloride.....	36.25
Hardness, temporary.....	112.5
Hardness, permanent.....	10.0
Hardness, total.....	122.5
Total solids.....	367.0
pH value.....	7.5
Metals.....	Trace Iron, Lead, and copper absent.
Colour.....	Colourless and clear.
Odour.....	None.
Free Chlorine.....	Negligible.

Notes

This is a clear bright water, hard in character, but the hardness of the hardness is temporary and would be removed by boiling.

The nitrites are higher than in previous samples, but as the water is of high organic purity and the chemical analysis shows no sign of pollution, I am of opinion that it is very satisfactory for both drinking and domestic purposes. However, it would be advisable to increase the chlorination so as to leave a residue of about 0.005 p.p.m.

2nd November, 1934 Arthur S. Gordon, B. Sc. (Lond)
Public Analyst.

Black Lane Pumping Station - Borchole.1st November, 1954.

I hereby certify that I have examined the above mentioned Sample with the following results:- (expressed as parts per million)

Ammonia, free.....	0.010
Ammonia, albuminoid.....	0.050
Nitrites.....	Absent.
Nitrates as Nitric Nitrogen.....	4.74
Oxygen absorbed in 15 mins. at 80 deg.F.	0.1008
Oxygen absorbed in 4 hours at 80 deg. F.	0.2449
Chlorine.....	22.0
as Sodium Chloride.....	36.26
Hardness, temporary.....	207.5
Hardness, permanent.....	22.5
Hardness, total.....	230.0
Total solids.....	333.0
PH value.....	7.5
Metals.....	Lead, zinc, copper, iron absent.
Colour.....	Very pale straw. Clear.
Odour.....	None.

Remarks

This is a very satisfactory water. It is of good organic purity, hard in character, but the majority of the hardness is of a temporary nature and would be removed by boiling.

The water shows no sign of pollution, and in my opinion it is very suitable for both drinking and domestic purposes.

8th November, 1954.

Arthur S. Carlos, B. Sc (Lond)
F.R.I.C.
Public Analyst.

Black Lane Pumping Station - Shallow Wells2nd November, 1954.

I hereby certify that I have examined the above mentioned Sample with the following results:- (expressed as parts per million)

Ammonia, free.....	0.044
Ammonia, albuminoid.....	0.024
Nitrites.....	Absent
Nitrates as Nitric Nitrogen.....	10.07
Oxygen absorbed in 15 mins at 80 deg.F.	0.0291
Oxygen absorbed in 4 hours at 80 deg.F.	0.1455
Chlorine.....	21.0
as Sodium Chloride.....	34.61
Hardness, temporary.....	215.0
permanent.....	22.5.
total.....	237.5
Total solids.....	339.0
PH value.....	7.4
Metals.....	Iron, zinc, copper, lead. Absent.
Colour.....	Colourless and clear.
Odour.....	none.

I hereby certify that I have examined the above mentioned sample with the following results: (expressed as parts per million)

Ammonia, Total	0.012
Ammonia, Nitrogenous	0.080
Nitrate	0.000
Nitrogen as Nitric Nitrogen	1.74
Oxygen absorbed in 15 mins. at 30 deg. C. 1000	0.100
Oxygen absorbed in 1 hour at 30 deg. C. 1000	0.345
Chlorine	22.0
as Sodium Chloride	24.2
Hardness, temporary	207.5
Hardness, permanent	22.5
Hardness, total	230.0
Total solids	333.0
FM value	7.3
Metals: Lead, zinc, copper, iron absent.	
Colour: Very pale yellow.	
Odour: None.	

Remarks:

This is a very satisfactory water. It is of good organic purity, hard in character, but the majority of the hardness is of a temporary nature and would be removed by boiling.

The water shows no signs of pollution, and in my opinion is as very suitable for both drinking and domestic purposes.

1st November, 1934

Arthur S. Gordon, B. Sc. (Land)

P.E.I.C.

Public Analyst

I hereby certify that I have examined the above mentioned sample with the following results: (expressed as parts per million)

Ammonia, Total	0.004
Ammonia, Nitrogenous	0.004
Nitrate	0.000
Nitrogen as Nitric Nitrogen	10.07
Oxygen absorbed in 15 mins. at 30 deg. C. 1000	0.000
Oxygen absorbed in 1 hour at 30 deg. C. 1000	0.105
Chlorine	21.0
as Sodium Chloride	22.4
Hardness, temporary	215.0
Hardness, permanent	12.1
Hardness, total	227.1
Total solids	322.0
FM value	7.4
Metals: Lead, zinc, copper, iron absent.	
Colour: Colourless and clear.	
Odour: None.	

Remarks: -

This is a clear bright water of high organic purity and hard in character.

The nitrates figure is higher than usual, but the analysis shows no sign of pollution, and in my opinion, the water is very suitable for drinking and domestic purposes.

8th November, 1954

Arthur S. Carlos B. Sc. (Lond) F.R.I.C.
Public Analystist.

SWIMMING BATHS

The baths were opened from the 3rd May to the 30th September. During the season, the bath water was tested for chlorine content by the attendant three times per day.

19 samples of water were taken from the Swimming Baths for bacteriological examination. All samples proved satisfactory.

SEWERAGE

Considering the Sewerage Works are overloaded, they have been working as well as can be expected.

It is hoped that in the future, major repair work will be undertaken.

Maintenance work on public sewers has been carried out and 69 blockages have been cleared by the Council's workmen.

In November, the Public Analyst reported that the effluent was unsatisfactory and failed to comply with the requirements of the Royal Commission on sewage disposal.

Blandford Sewage Works. Outlet of Humus Tanks - 10 a.m. 2/11/54

I hereby certify that I have examined the above mentioned Sample with the following results (expressed as parts per million)

Ammonia, free.....	1.44
Ammonia, Albuminoid.....	3.25
Nitrites.....	0.27
Nitrates as Nitric Nitrogen.....	70.1
Oxygen absorbed in 4 hours at 80 deg.F.....	11.064
Chlorine.....	78.0
Suspended solids.....	39.0
Dissolved solids.....	1058.0
Total solids.....	1097.0
PH Value.....	7.2

This is a clear bright water of high organic purity and good in character.

The nitrogen figure is higher than usual, but the analysis shows no sign of pollution, and in my opinion, the water is very suitable for drinking and domestic purposes.

Arthur E. Garlin B. Sc. (Land) & R. I. C.
Public Analyst.

3rd November, 1934

WATERING BATH

The baths were opened from the 1st May to the 30th September. During the season, the bath water was tested for chlorine content by the standard three times per day. 19 samples of water were taken from the watering bath for bacteriological examination. All samples proved satisfactory.

DISCUSSION

Considering the low organic loads are overloaded, they have been working as well as can be expected. It is hoped that in the future, major repairs work will be undertaken. Maintenance work on public sewers has been carried out and 50 blockages have been cleared by the Council's workmen. In November, the Public Analyst reported that the effluent was unsatisfactory and failed to comply with the requirements of the Royal Commission on Sewage Disposal.

Disposal of Sewage Water - 10 a.m. 2/11/34

I hereby certify that I have examined the above mentioned sample with the following results (expressed as parts per million)

Amount, free	1.1
Acidity, Alkalinity	2.5
Ammonia	0.35
Nitrogen as Nitric Nitrogen	7.7
Oxygen absorbed in 4 hours at 60 deg F.	11.8
Chlorine	18.0
Suspended solids	30.0
Dissolved solids	107.0
Total solids	137.0
PH Value	7.2

Incubator Closed Test:

Oxygen absorbed in 3 mins before incubation.....	4.436
Oxygen absorbed in 3 mins after 5 days incubation.....	2.834
Colour after incubation.....	Unchanged.
Odour after incubation.....	None
Dissolved oxygen absorbed in 5 days.....	14.8
Impurity figure.....	21.8
Percentage Oxidation of Nitrogen.....	94.8

The suspended solids exceed the limit by the Royal Commission on Sewage Disposal by 9.0 p.p.m. but the figure for dissolved oxygen is very satisfactory, and the percentage oxidation of nitrogen is good.

In my opinion the humus tank needs attention in order to reduce the suspended solids.

10th November, 1954.

Arthur S. Carlos B. Sc (Lond)
F.R.I.C.
Public Analyst.

REFUSE COLLECTION

The refuse service has worked smoothly. There have been few complaints.

There continues to be improvement to the refuse tip, which is treated at regular intervals to reduce the rat population.
No salvage has been collected.

Incubator 21242-243

Oxygen absorbed in 5 mins before incubation..... 4.15
Oxygen absorbed in 5 mins after 2 days incubation..... 4.15
Oxygen after incubation..... 4.15
Oxygen after incubation..... 4.15
Dissolved oxygen absorbed in 5 mins..... 4.15
Infective titre..... 4.15
Percentage Calculation of Bacteria..... 4.15

The suspended solids caused the first by the Royal Commission on
Spaga Report by 7.0 p.m. but the figure for dissolved oxygen is
very satisfactory and the percentage oxidation of nitrogen is good.

In my opinion the means have been selected in order to reduce
the suspended solids.

Arthur G. Carter B. Sc (Lond)
F.R.S.E.
Public Analyst
1934

WATER QUALITY

The water service has worked smoothly. There have been few
complaints.
There continues to be improvement in the water supply, which is treated
at regular intervals to reduce the total population.
No sewage has been collected.

<u>PREVALENCE OF INFESTATION</u>	<u>RODENT</u>	<u>CONTROL</u>
	<u>Number of properties in the Local Authorities' area in which infestation was discovered.</u>	
	<u>Infested by Rats.</u>	<u>Serious infestations of Mice</u>

Local Authority properties.....	4	Nil
Dwelling houses.....	7	5
Business premises (non-agricultural)	Nil	Nil
Agricultural properties.....	Nil	Nil

<u>MEASURES OF CONTROL BY LOCAL AUTHORITY</u>	<u>No. of properties inspected.</u>		<u>No. of properties treated by L.A.</u>
	<u>As a result of notification.</u>	<u>Other wise</u>	
Local Authority properties.	4	8	4
Dwelling houses.	12	416	12
Business premises (non-agricultural).	Nil	37	Nil
Agricultural properties.	Nil	1	Nil

REMARKS:

28 manholes were test baited as requested by the Ministry and no evidence of any infestations was found.

NUMBER OF PROPERTIES
NUMBER OF PROPERTIES IN THE LOCAL AUTHORITY'S
AREA IN WHICH INFORMATION WAS OBTAINED
RELAYED BY THIS SECTION

Local Authority Properties..... 4

Living houses..... 7

Business premises (non-agricultural)..... 2

Agricultural properties..... 1

NUMBER OF PROPERTIES BY LOCAL
AUTHORITY
NUMBER OF PROPERTIES
IN A CATEGORY OF
PROPERTIES
REPORTED BY L.A.

Local Authority Properties..... 4

Living houses..... 12

Business premises (non-agricultural)..... 1

Agricultural properties..... 1

REMARKS:
 28 samples were tested but no evidence of any infestation was found.

SECTION D
FACTORIES AND WORKSHOPS

Number of factories registered in the district,.....	47
Number of inspections made during the year.....	30

Factories Act, 1937 - Part One
of the Act.

PREMISES.	Number on Register	Inspections
-----------	--------------------	-------------

Factories in which no mechanical power is used.....	6	Nil
Factories in which mechanical power is used.....	34	16
Other premises in which section 7 is enforced by the Local Authority (excluding outworkers' premises)....	7	14
<hr/>		
TOTAL.....	47	30

Number of cases in which defects were found:-

<u>PARTICULARS</u>	<u>Found</u>	<u>Remedied</u>	<u>Referred to H.M. Inspector</u>
--------------------	--------------	-----------------	-----------------------------------

Want of cleanliness.....	Nil	Nil	Nil
Sanitary Conveniences:-			
(a) insufficient.....	1	1	Nil
(b) unsuitable or defective...	2	1	
(c) not separate for sexes....	1	Nil	
Other offences against the Act.	Nil	Nil	Nil

NETWORKERS

There were 44 outworkers employed during 1954. No infectious disease occurred during the year in any of the premises where the outworkers were employed.

SECTION 2 FACTORIES AND WORKSHOPS

Number of factories registered in the district..... 27
Number of inspections made during the year..... 30

Factories Act, 1947 - Part One of the Act.

FACTORIES.....
Number of factories.....
Inspections.....

Factories in which no mechanical power is used.....	6	Nil
Factories in which mechanical power is used.....	16	16
Other premises in which section 7 is enforced by the Local Authority (excluding outworkers' premises).....	7	14
TOTAL.....	29	30

Number of cases in which defects were found:-

FACTORYS.....
Inspected.....
Defects in H.S. Inspection.....

Want of cleanliness.....	Nil	Nil	Nil
Sanitary arrangements:-			
(a) insufficient.....	1	1	Nil
(b) unsatisfactory or defective.....	1	1	2
(c) not adequate for work.....	1	Nil	1
Other offences against the Act.....	Nil	Nil	Nil

There were 14 outbreaks reported during 1951. In infectious diseases occurred
during the year in any of the premises where the outbreaks were reported.

STATISTICAL INFORMATION
Summary of Sanitary Inspectors' record
of number of visits or inspections.

Water undertaking.....	281
Sewage works and sewers.....	45
Swimming baths.....	48
Recreation ground and gardens including Milldown and allotments.....	28
Municipal building, Council Yard, Mortuary, Market and Public Conveniences.....	58
Refuse service, including tip.....	20
Council houses, including requisitioned houses...	550
Infectious etc., diseases investigates and visits in connection therewith.....	1
Highways.....	140
Building byelaws and Town and Country Planning...	221
Food premises and food, including Ice Cream Premises and Dairies.....	83
Petroleum Installations.....	20
Pest control.....	1
Public Health Acts.....	95
Housing Acts.....	122
Factories Act.....	16
Other visits not classified above.....	87

The number of inspections made in connection with food premises, workshops, factories and dwelling houses have been far too few. This cannot be remedied while the Council employs one part time Sanitary Inspector who has part time clerical assistance.

Action taken under Acts of Parliament
(a) Public Health Acts.

Number of informal notices served.....	25
Number of informal notices complied with.....	6
Number of Statutory Notices served.....	Nil
Number of Statutory Notices complied with.....	Nil
Number of Statutory Notices complied with by the Council in default.....	1

(b) Factories Act and Regulations

Number of informal notices served.....	2
Number of informal notices complied with.....	1
Number of Statutory Notices served.....	Nil

(c) Food and Drugs Act and Regulations

Number of informal notices served.....	Nil
Number of informal notices complied with.....	Nil
Number of Statutory Notices served.....	Nil

(d) Water Acts.

Number of informal notices served.....	18
Number of informal notices complied with.....	17
Number of Statutory Notices served.....	6
Number of Statutory Notices complied with.....	4

STATISTICAL INFORMATION
RELATIVE TO THE
NUMBER OF VOTES OF REPRESENTATIVES

101	Water works and sewerage
99	Bathing baths
98	Recreation ground and children including children and playgrounds
97	Libraries, museums, Council Hall, Library, Market and Public Buildings
96	Police service, including tipstons
95	Council houses, including regulated houses
94	Infants and children investigations and visits in connection therewith
93	Highways
92	Building bye-laws and Town and Country Planning
91	Food provisions and food, including the Green
90	Provision and delivery
89	Provision of electricity
88	Post control
87	Public Health Acts
86	Health Acts
85	Provision of
84	Other votes not classified above

The number of inspections made in connection with food provisions, workshops, factories and dwelling houses have been the two. This cannot be presented while the Council enquire and part the. Sanitary Inspector who has part the official statistics.

Section 101-102 of the Statute
Public Health Acts

101	Number of informal notices served
100	Number of informal notices complied with
99	Number of Statutory Notices served
98	Number of Statutory Notices complied with
97	Number of Statutory Notices complied with by the Council in default
96	<u>Section 101 and 102 of the Statute</u>
95	Number of informal notices served
94	Number of informal notices complied with
93	Number of Statutory Notices served
92	<u>Section 101 and 102 of the Statute</u>
91	Number of informal notices served
90	Number of informal notices complied with
89	Number of Statutory Notices served
88	<u>Section 101 and 102 of the Statute</u>
87	Number of informal notices served
86	Number of informal notices complied with
85	Number of Statutory Notices served
84	<u>Section 101 and 102 of the Statute</u>

MORTUARY

The Demory Street Mortuary has been used on three occasions during the year.

NATIONAL ASSISTANCE

ACT - 1948

(Amendment Act) 1951 - removal of persons in need of care and attention

Two elderly people (brother and sister) living alone and in need of care and attention, were admitted in April, to one of the County Homes. They remained there of their own free will and later the man died.

SLAUGHTER HOUSE

The slaughter house ceased to be operated by the Ministry of Food on June 30th, 1954, and has been returned to the owners who are operating it.

The weight of meat condemned during the year:-

Offal 10967 lbs
Meat..... 16008 lbs.
T.B. Offal.... 3868 lbs.

Carcases Inspected and Condemned.

	<u>Cattle.</u>	<u>Calves.</u>	<u>Sheep & Lambs.</u>	<u>Pigs</u>
Number killed.....	951	90	2280	305
Number inspected.....	951	90	2280	305
All diseases except T.B. whole carcasses condemned.....	17	12	8	38
Carcases of which some part or organ was condemned.....	596	5	774	87
Percentage of the number in- spected affected with disease other than tuberculosis.....	64.45%	18.9%	34.3%	41%
Tuberculosis only. Whole carcasses condemned.....	4	-	-	-
Carcases of which some part or organ was condemned.....	131	-	-	1
Percentage of the number in- spected affected with T.B....	14.2%	-	-	0.3%

REPORT

The District Health Officer has been asked on three occasions during the year:

NATIONAL HEALTH SERVICE

1947 - 1948

(a) Number of persons in need of
 (b) and (c)

Two elderly people (brother and sister) living alone and in need of care and attention, were admitted in April, to one of the County Homes. They remained there for their own free will and later the year.

STANDARD HOUSE

The Standard House was closed to be operated by the Ministry of Food on June 30th, 1947, and has been returned to the owners who are operating it.

The weight of meat consumed during the year:-

Orkney 10000 lbs.
 Shetland 10000 lbs.
 Y.B. Orkney 10000 lbs.

General Hospital and Dispensary

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

Number of patients	Number of outpatients	Number of inpatients	Number of deaths
100	100	100	100

SECTION E
HOUSING.

Owing to lack of staff, no routine inspection of houses has been possible.

(a)	<u>Council Houses.</u>	
	Houses completed during the year.....	44
	Houses started but still under construction at the close of the year.....	30
	Total number constructed before 1954.....	240
(b)	<u>Private Enterprise</u>	
	Number of private houses erected during the year.....	4
	Under construction at end of year.....	2

SECTION F
INSPECTION AND SUPERVISION
OF FOOD PREMISES.

Ice Cream Premises

There were three more registrations than last year. A total of 25 ice cream samples have been submitted during the year to the Public Health Laboratory for bacteriological reports. The samples fell into the following grades:-

Grade I.....	21.	Grade II.....	Nil
Grade III.....	2	Grade IV.....	2

18 iced lollies submitted for test proved to be satisfactory.

<u>Provisional Grade</u>	<u>Time taken to reduce methylene blue</u>
1.	$4\frac{1}{2}$ hours or more
2.	$2\frac{1}{2}$ - 4 hours.
3.	$\frac{1}{2}$ - 2 hours
4.	0

Owing to the numerous factors governing the hygienic quality of ice cream, it is unwise to pay too much attention to the bacteriological results of any one sample. Judgment should be based rather on a series of samples. It is suggested that over a six monthly period, 50 per cent of a vendor's samples should fall into Grade 1, 80 per cent into Grades 1 or 2, not more than 20 per cent into Grade 3 and none into Grade 4.

Due to inadequacy of staff, far too few samples were taken during the year.

has been possible. Owing to lack of staff, no routine inspection of houses

(a) General Remarks
 Houses completed during the year..... 44
 Houses started but still under construction at the
 close of the year..... 30
 Total number constructed before 1930..... 240

(b) Private Inspection
 Number of private houses entered during the year..... 4
 Under construction at end of year..... 2

SECTION II
INVESTIGATION AND SURVEILLANCE
OF FOOD PRODUCTS

Ice Cream Products

There were three more registrations than last year. A total of 25 ice cream samples have been submitted during the year to the Public Health Laboratory for bacteriological reports. The samples fall into the following grades:-

Grade I..... 21	Grade II..... 4
Grade III..... 2	Grade IV..... 2

18 food samples submitted for test proved to be satisfactory.

<u>Provisional Grade</u>	<u>Time taken to render satisfactory</u>
1	40 hours or more
2	24 - 40 hours
3	12 - 24 hours
4	0 - 12 hours

Owing to the numerous factors governing the bacteriological quality of food orders, it is useless to pay too much attention to the bacteriological results of any one sample. Intelligent control should be based rather on a series of samples. It is suggested that over a six monthly period, 50 per cent of a vendor's samples should fall into Grade 1, 30 per cent into Grade 2, 2, not more than 20 per cent into Grade 3 and none into Grade 4.

Due to inadequacy of staff, the few samples were taken during the year.

MILK AND DAIRIES REGULATIONS 1949

Licences issued.

Dealers Licences.....	1	Tuberculin Tested.....	2
Supplementary Licences.....	5	Pasteurised.....	3
		Tuberculin Tested and	
		Pasteurised.....	1

Food and Food Premises,

Food condemned during the year;-

Tinned peaches.	Total weight	$1\frac{1}{2}$ lbs.	Tinned plums.	Total weight	$7\frac{1}{4}$ lbs
Tinned peas.		$29\frac{1}{2}$ lbs.	Tinned apricots		10 lbs
Tinned milk		22 pts.	Tinned beans		8 lbs
Tinned Scotch broth.		$2\frac{1}{2}$ lbs.	Tinned soup.		4 lbs
Tinned black currants.		2 lbs.	Tinned Guavas.		$1\frac{3}{4}$ lbs
Tinned loganberries.		1 lb.	Tinned pineapple		6 lbs
Tinned peaches.		3 lbs.	Tinned tomatoes.		$14\frac{3}{4}$ lbs
Tinned damsons		$1\frac{1}{2}$ lbs.	Tinned cherries.		2 lbs
Tinned grapefruit.		$1\frac{1}{4}$ lbs.	Tinned fruit salad.		1 lb
Tinned strained foods.		$\frac{1}{4}$ lb.	Tinned spaghetti.		1 lb
Tinned orange slices.		$3\frac{3}{4}$ lbs.	Tinned skim milk powder.		21 lbs.

Meat and fish condemned during the year.

Fresh salmon.	$8\frac{1}{4}$ lbs.	Fresh beef.	$709\frac{1}{4}$ lbs
Fresh pork.	85 lbs.	Fresh kippers.	14 lbs.
Fresh eggs.	84		

List of food premises.

Hotels, Inns, Public Houses and Wine Merchants.	22
Sweet shops	13
Grocers.	13
Cafes and Cafes with shops.	12
Butchers and Cooked Meat Shops.	8
Fish merchants and fried fish shops.	4
Green grocers and fruit shops.	6
Confectioners and bread shops.	4
Bakeries.	3
Ice cream premises.	21

MEAT AND DAIRY REQUIREMENTS 1943

1	Experimental Laboratory	1	Experimental Laboratory
2	Public Health Service	2	Public Health Service
3	Food and Drug Administration	3	Food and Drug Administration
4	War Relocation Authority	4	War Relocation Authority
5	War Relocation Authority	5	War Relocation Authority

Food and Food Products Food consumed during the year:

1	Food and Food Products	1	Food and Food Products
2	Food and Food Products	2	Food and Food Products
3	Food and Food Products	3	Food and Food Products
4	Food and Food Products	4	Food and Food Products
5	Food and Food Products	5	Food and Food Products
6	Food and Food Products	6	Food and Food Products
7	Food and Food Products	7	Food and Food Products
8	Food and Food Products	8	Food and Food Products
9	Food and Food Products	9	Food and Food Products
10	Food and Food Products	10	Food and Food Products
11	Food and Food Products	11	Food and Food Products
12	Food and Food Products	12	Food and Food Products
13	Food and Food Products	13	Food and Food Products
14	Food and Food Products	14	Food and Food Products
15	Food and Food Products	15	Food and Food Products
16	Food and Food Products	16	Food and Food Products
17	Food and Food Products	17	Food and Food Products
18	Food and Food Products	18	Food and Food Products
19	Food and Food Products	19	Food and Food Products
20	Food and Food Products	20	Food and Food Products

Meat and Fish consumed during the year:

1	Meat and Fish consumed during the year:	1	Meat and Fish consumed during the year:
2	Meat and Fish consumed during the year:	2	Meat and Fish consumed during the year:
3	Meat and Fish consumed during the year:	3	Meat and Fish consumed during the year:
4	Meat and Fish consumed during the year:	4	Meat and Fish consumed during the year:
5	Meat and Fish consumed during the year:	5	Meat and Fish consumed during the year:

List of food products:

1	List of food products:	1	List of food products:
2	List of food products:	2	List of food products:
3	List of food products:	3	List of food products:
4	List of food products:	4	List of food products:
5	List of food products:	5	List of food products:
6	List of food products:	6	List of food products:
7	List of food products:	7	List of food products:
8	List of food products:	8	List of food products:
9	List of food products:	9	List of food products:
10	List of food products:	10	List of food products:
11	List of food products:	11	List of food products:
12	List of food products:	12	List of food products:
13	List of food products:	13	List of food products:
14	List of food products:	14	List of food products:
15	List of food products:	15	List of food products:
16	List of food products:	16	List of food products:
17	List of food products:	17	List of food products:
18	List of food products:	18	List of food products:
19	List of food products:	19	List of food products:
20	List of food products:	20	List of food products:

SECTION G
PREVALENCE OF INFECTIOUS DISEASES.

Whooping cough..... 6
Tuberculosis..... 2
Scarlet fever..... 1
Acute pneumonia..... 4

Tuberculosis

Number of cases of tuberculosis on register at 31/12/54

Pulmonary.....16
Non-Pulmonary..... 4

Two new cases of tuberculosis were notified during the year, two patients known to be suffering from tuberculosis came to reside in the area.

There has been no case of food poisoning during the year.

AGE INCIDENCE OF INFECTIOUS DISEASES.

<u>YEAR.</u>	<u>Whooping Cough.</u>	<u>Tuberculosis</u>	<u>Scarlet fever</u>	<u>Acute Pneumonia</u>
Under 1.	1			
1 - 2	1			
3 - 4	1			
5 - 9	2			
10-14			1	1
15-24		2		
25 and over.	1			3

STATE OF NEW YORK DEPARTMENT OF HEALTH

Report of cases of
Tuberculosis
during the year
1912

Tuberculosis

Number of cases of Tuberculosis reported during the year 1912

Male
Female

Two new cases of Tuberculosis were notified during the year, the patients being so notified from Tuberculosis cases to reside in the city.

There has been no case of food poisoning during the year.

AS EXISTENCE OF TUBERCULOSIS DISEASE

YEAR	Thoracic Cases	Extrathoracic Cases	Total
Under 1	1		1
1-2	1		1
3-4	1		1
5-9	2		2
10-14	1	1	2
15-24		2	2
25 and over	1		1

