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Contributors

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CLITHEROE RURAL DISTRICT COUNCIL



ANNUAL REPORT

ON THE

ACKD BY

HEALTH

AND

SANITARY ADMINISTRATION

OF THE DISTRICT

FOR THE YEAR

1970

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ANNUAL REPORT

OF THE


CLITHEROE RURAL DISTRICT COUNCIL



WITH THE COMPLIMENTS OF THE
SURVEYOR & CHIEF PUBLIC HEALTH INSPECTOR

Clitheroe R.D.C. Offices
2, Church Brow
CLITHEROE, Lancs. BB7 2AB

Tel. No.
Clitheroe 3536
(2 lines)



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MEMBERS OF THE PUBLIC HEALTH AND HOUSING COMMITTEE.

1970 - 71.

Chairman

Mr. Councillor H. Eastwood.
(Worston and Mearley)

Vice Chairman

Mr. Councillor J.G. Sharp.
(Chatburn)

Aighton, Bailey & Chaigley.

Councillor Mrs. M.J.M. Brown.

Bowland-with-Leagram.

Mr. Councillor E. Hoyle.

Chatburn.

Mr. Councillor F. Clayton.

Chipping.

Councillor Mrs. I.E. Bee.

Downham and Twiston.

Mr. Councillor W.R. Spensley.

Pendleton.

Mr. Councillor E. Holgate.

Thornley-with-Wheatley.

Mr. Councillor H.E. Airey.

Whalley.

Mr. Councillor J.H. Fell.
Mr. Councillor J.S.R. Shaw.

Wiswell and Little Mitton.

Councillor Mrs. M. Clegg.

MEMBERS OF THE SENATE AND HOUSE OF REPRESENTATIVES

1900-1901

Mr. Charles E. Johnson
(Senator and President)

Chairman

Mr. Charles E. Johnson
(Senator)

Vice Chairman

Mr. Charles E. Johnson

Committee on Education

Mr. Charles E. Johnson

Committee on Education

Chairman

Mr. Charles E. Johnson

Chairman

Committee on Education

Chairman and President

Mr. Charles E. Johnson

President

Mr. Charles E. Johnson

President and Vice President

Mr. Charles E. Johnson

Chairman

Mr. Charles E. Johnson

Mr. Charles E. Johnson

Chairman and Vice President

Committee on Education

S T A F F.

Medical Officer of Health.

R.C. WEBSTER,

T.D., B.Sc., M.D., B.Ch.,
B.A.O., D.C.H., D.P.H.

Chief Public Health Inspector
and Surveyor.

H. COCKSHUTT, M.R.S.H., M.P.H.I.A.

Deputy Chief Public Health Inspector
and Deputy Surveyor.

M.C. DATSON, A.R.S.H., M.P.H.I.A.

Chief Clerk.

T. SCOTT.

Meat Inspector.

A.C. THOMSON.

Trainee Technician.

R.P. RODWELL.

STATE

LEGISLATIVE DEPARTMENT

SENATE
J. D. BROWN, President
J. D. BROWN, President

LEGISLATIVE DEPARTMENT

SENATE

J. D. BROWN, President
J. D. BROWN, President

LEGISLATIVE DEPARTMENT

SENATE

J. D. BROWN, President
J. D. BROWN, President

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PART 1.

A. STATISTICS AND SOCIAL CONDITIONS.

B. GENERAL PROVISION OF HEALTH SERVICES.

C. PREVALENCE AND CONTROL OF INFECTIOUS DISEASES.

BY

R.C. WEBSTER,

T.D., B.Sc., M.D., B.Ch., B.A.O., D.C.H., D.P.H.

MEDICAL OFFICER OF HEALTH.

1917

REPORT OF THE COMMISSIONER OF THE GENERAL LAND OFFICE

FOR THE YEAR 1917

IN RESPONSE TO RESOLUTION 100, PASSED BY THE HOUSE OF REPRESENTATIVES

II

WASHINGTON, D.C.

U.S. GOVERNMENT PRINTING OFFICE

1918

Council Offices,
2, Church Brow,
Clitheroe,
Lancs.
BB7 2AB

June 1971.

To :- The Chairman and Members of the Public Health and Housing
Committee of the Rural District Council of Clitheroe.

Ladies and Gentlemen,

It is again my honour to present to you my Annual Report
for the Clitheroe Rural District, on this occasion for 1970, which
again includes the Annual Report of the Chief Public Health Inspector,
Mr. Harold Cockshutt.

My grateful thanks are due to the Chairman and all Members
and Officials of the Council, for their unfailing courtesy, help, and
kindness shown to me at all times.

I have the honour to be, Ladies and Gentlemen,

Your faithful servant,

R.C. Webster,

Medical Officer of Health.

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PART 1.

A. STATISTICS AND SOCIAL CONDITIONS.

Area of the District	32,170 acres.
Population - Census 1961	8,799
Registrar General's estimate Mid 1970	9,180
Number of inhabited dwellings - end of 1970.	2,388
Number of vacant dwellings - end of 1970	60
Total number of dwellings - end of 1970	2,448
Rateable Value	£ 292,496
Sum represented by a Penny Rate	£ 1,190

The District is principally an agricultural one, with several small industries, though none of the centres of population depends entirely on any single industry.

Parish	Inhabited Dwellings	Empty Houses	Total Dwellings	Dwellings		Business Premises	Other Bldgs.	Total Bldgs.
				Domestic	Agric.			
Aighton, Bailey and Chaigley.	291	14	305	252	53	5	35	345
Bowland-with-Leagram.	36	4	40	9	31	2	1	43
Chatburn.	381	9	390	385	5	20	76	486
Chipping.	281	8	289	217	72	11	60	360
Downham.	60	1	61	43	18	-	9	70
Little Mitton.	13	1	14	7	7	-	2	16
Mearley.	8	-	8	1	7	-	-	8
Pendleton.	89	1	90	72	18	-	7	7
Thornley-with-Wheatley.	75	6	81	38	43	1	7	89
Twiston.	21	-	21	10	11	-	-	21
Whalley.	848	13	861	856	5	28	107	996
Wiswell.	254	3	257	243	14	6	45	308
Worston.	31	-	31	25	6	-	2	33
Totals :-	2,388	60	2,448	2,158	290	73	351	2,872

VITAL STATISTICS.

B I R T H S.

Live Births.

	M.	F.	Total
Legitimate	43	36	79
Illegitimate	3	4	7
Total	46	40	86

Birth Rate per 1,000 estimated population	(Crude	9.4
	Adjusted	11.8

Illegitimate Percentage of Total Live Births.	8.0
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Year	Clitheroe Rural District.		England and Wales.
	Number Registered.	Rate per 1,000	Rate per 1,000 population.
1970	86	9.4	16.0
1969	114	12.2	16.3
1968	115	12.3	16.9
1967	115	12.0	17.2
1966	137	14.3	17.7
1965	120	12.6	18.1
Average - 5 years 1965 - 1969	120.2	12.68	17.24

It should be noted that although the birth rate is 9.4 compared with 16.0 for England and Wales generally, this is the crude birth rate, i.e. it has not been adjusted according to age and sex distribution of population. The fact, for instance that about 2,000 populate the Calderstones Mental Hospital, and are included in the population of the Clitheroe Rural District, makes the birth rate appear less than it would if the Clitheroe Rural District had a more normal population.

This year the Birth Rate of 9.4 shows a decrease of 2.8 on last year.

Stillbirths.

	M.	F.	Total
Legitimate	-	-	-
Illegitimate	-	-	-
Total	-	-	-

Stillbirth Rate per 1,000 total (live and still) births Nil.

Year	Number Registered	Clitheroe Rural District.		England and Wales.	
		Rate per 1,000 total births.	Rate per 1,000 population	Rate per 1,000 total births.	Rate per 1,000 population.
1970	-	-	-	13.0	0.22
1969	2	17.0	0.213	13.0	0.22
1968	3	25.0	0.321	14.0	0.25
1967	3	25.0	0.384	14.8	0.26
1966	3	21.4	0.313	15.4	0.28
1965	1	8.3	0.105	15.7	0.29
Average - 5 years 1965 - 1969	2.4	19.34	0.267	14.58	0.26

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DEATHS.

Males	71
Females	51
Total	122

Death Rate per 1,000 estimated population { Crude 13.3
Adjusted 11.3

Year	Clitheroe Rural District			England and Wales
	Number Registered	Rate per 1,000	Adjusted Death Rate	Rate per 1,000
1970	122	13.3	11.3	11.7
1969	134	14.3	12.9	11.9
1968	108	11.6	10.8	11.9
1967	148	15.4	15.4	11.2
1966	126	13.2	13.9	11.7
1965	100	10.5	10.7	11.5
Average - 5 years 1965 - 1969	123.2	13.0	12.74	11.64

It will be seen that, comparing the figure for the death rate of 11.3 per 1,000 with the birth rate of 9.4 per 1,000, there is an excess of deaths over births of 1.9 per 1,000. Last year, excess of deaths over births in the district was 0.7 per 1,000. For England and Wales generally, there was, as usual, an excess of births over deaths; the figure for 1970 being 4.3 per 1,000.

INFANT MORTALITY.

Deaths under 1 year.

	M.	F.	Total	Rate per 1,000 Live Births.
Legitimate	1	-	1	
Illegitimate	-	-	-	
Total	1	-	1	12.0.

Year	Clitheroe Rural District.		England and Wales
	Number Registered	Rate per 1,000 live births.	Rate per 1,000 live births.
1970	1	12.0	18.0
1969	1	9.0	18.0
1968	-	-	18.0
1967	6	52.0	18.3
1966	-	-	19.0
1965	-	-	19.0
Average - 5 years 1965 - 1969	1.4	12.2	18.46

Table 1. Summary of Data for the First Group of Experiments				
Run No.	Time (min)	Temperature (°C)	Pressure (atm)	Yield (%)
1	10	100	1.0	85
2	20	100	1.0	88
3	30	100	1.0	90
4	40	100	1.0	92
5	50	100	1.0	95
6	60	100	1.0	98
7	70	100	1.0	100
8	80	100	1.0	100
9	90	100	1.0	100
10	100	100	1.0	100

The data in Table 1 show that the yield of the product increases with time and temperature. The maximum yield of 100% was achieved at 70 minutes and 100°C. The pressure was kept constant at 1.0 atm throughout the experiments.

Table 2. Summary of Data for the Second Group of Experiments				
Run No.	Time (min)	Temperature (°C)	Pressure (atm)	Yield (%)
11	10	120	1.0	90
12	20	120	1.0	95
13	30	120	1.0	98
14	40	120	1.0	100
15	50	120	1.0	100
16	60	120	1.0	100
17	70	120	1.0	100
18	80	120	1.0	100
19	90	120	1.0	100
20	100	120	1.0	100

NEO - NATAL MORTALITY.

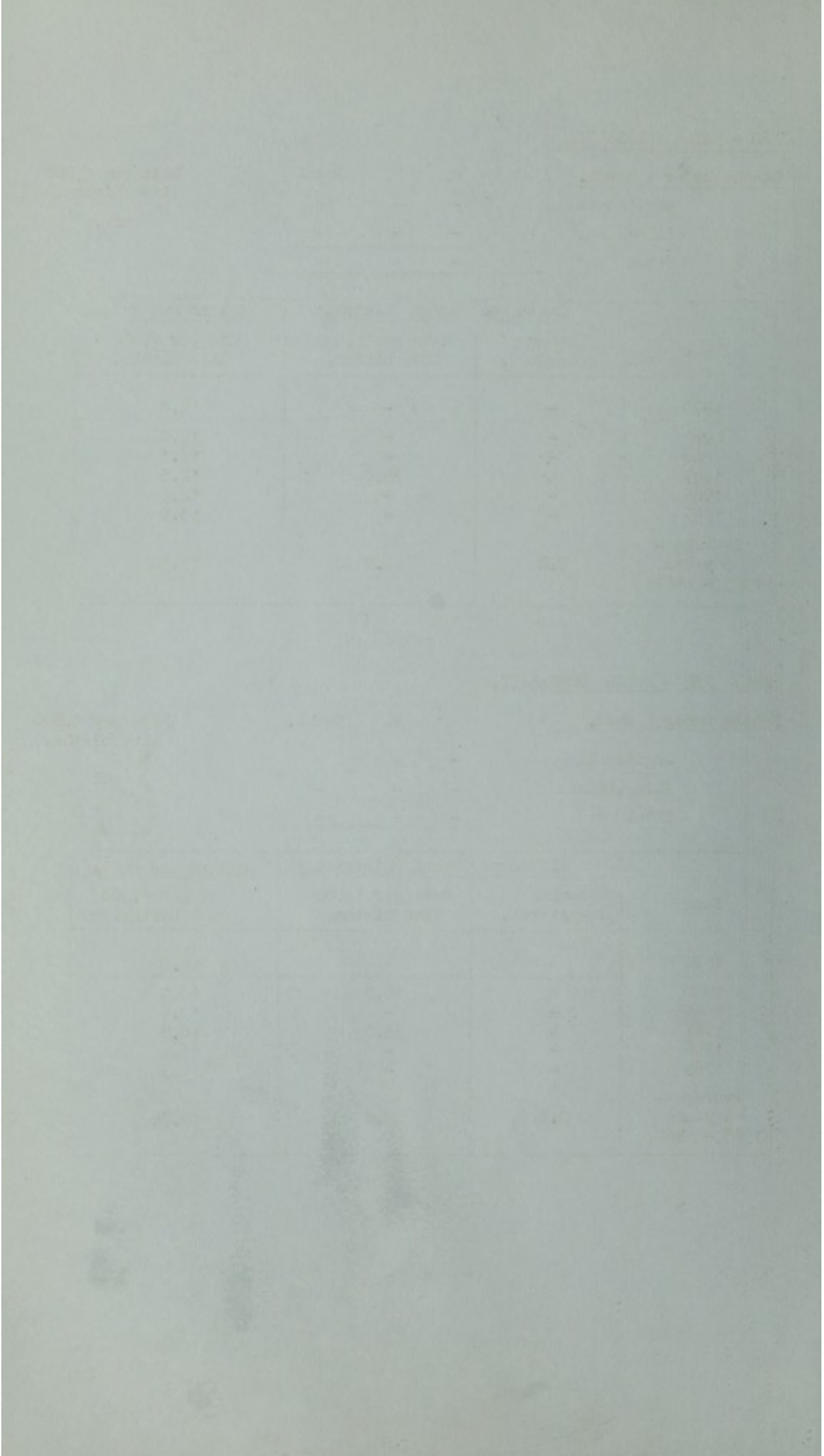
<u>Deaths under 4 weeks.</u>	M.	F.	Total	Rate per 1,000 live births.
Legitimate	-	-	-	nil.
Illegitimate	-	-	-	
Total	-	-	-	

Year	Clitheroe Rural District	England and Wales.
	Number Registered.	Rate per 1,000 live births.
1970	-	12.0
1969	-	12.0
1968	-	12.3
1967	4	12.5
1966	-	12.9
1965	-	13.0
Average - 5 years 1965 - 1969	0.8	12.54

EARLY NEO - NATAL MORTALITY.

<u>Deaths under 1 week.</u>	M.	F.	Total.	Rate per 1,000 live births.
Legitimate	-	-	-	nil
Illegitimate	-	-	-	
Total	-	-	-	

Year	Clitheroe Rural District	England and Wales
	Number Registered.	Rate per 1,000 live births.
1970	-	11.0
1969	-	10.0
1968	-	10.6
1967	4	10.8
1966	-	11.1
1965	-	11.3
Average - 5 years 1965 - 1969	0.8.	10.76



PERINATAL MORTALITY.Stillbirths and Deaths
under 1 week combined.

	M..	F.	Total	Rate per 1,000 total births.
Legitimate	-	-	-	
Illegitimate	-	-	-	nil
Total	-	-	-	

Year.	Clitheroe Rural District		England and Wales
	Number Registered.	Rate per 1,000 total births.	Rate per 1,000 total births.
1970	-	-	23.0
1969	2	17.0	23.0
1968	3	25.0	24.7
1967	7	59.0	25.4
1966	3	21.4	26.3
1965	1	8.3	26.9
Average - 5 years 1965 - 1969	3.2	26.14	25.26

The Infant Mortality Rate is generally regarded as a fairly reliable index as to the health of the people.

In 1958 there were three deaths in the district of infants under one year of age; in 1959 we had only one such death; there were three in 1960, two each in the next three years, one in 1964, none in 1965 or 1966, six in 1967, none in 1968, one in 1969, and none in 1970.

MATERNAL MORTALITY.

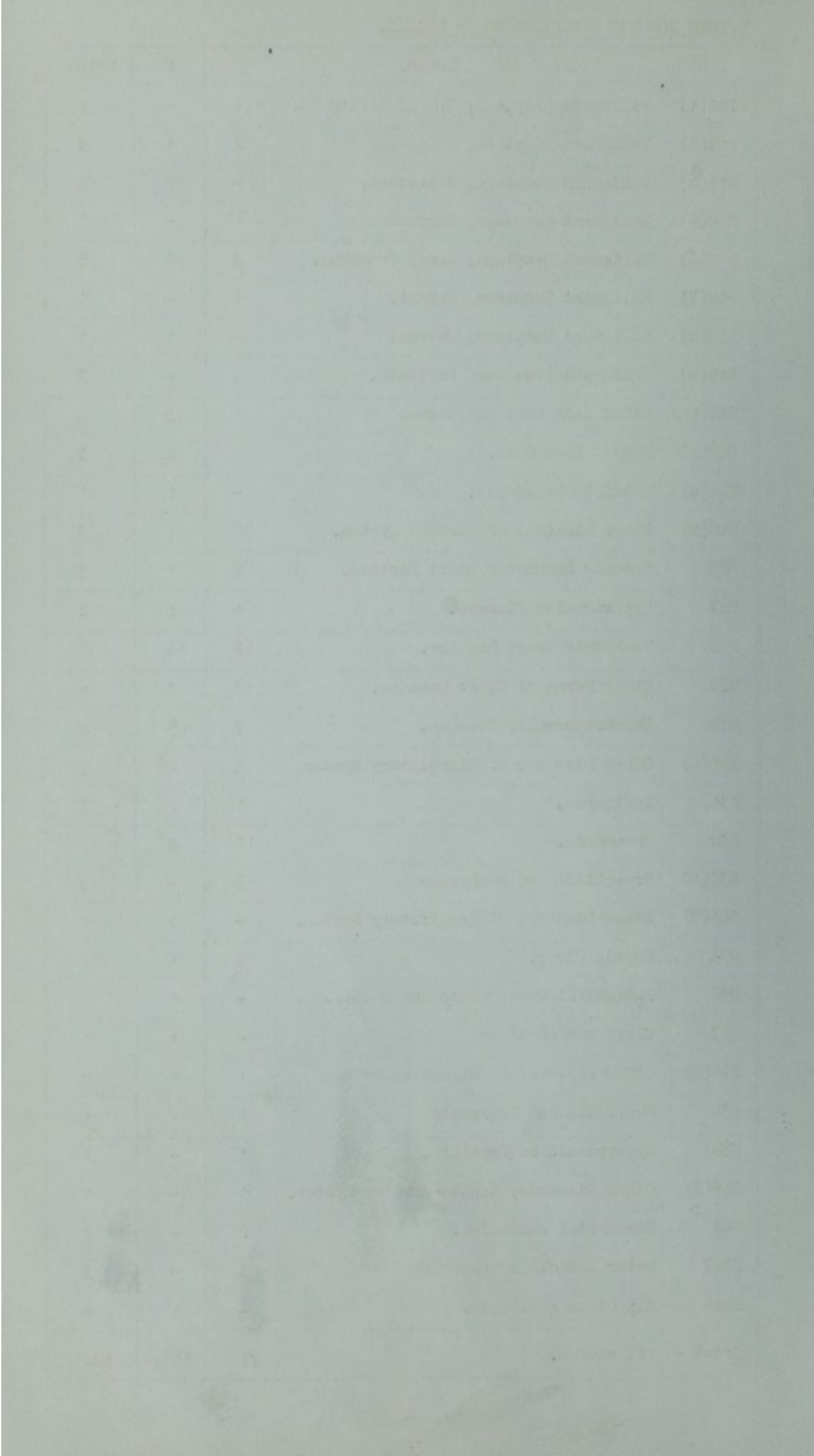
Number registered :-

Rate per 1,000 total births :-

Year.	Clitheroe Rural District.		England and Wales.
	Number Registered	Rate per 1,000 total births.	Rate per 1,000 total births.
1970	-	-	0.18
1969	-	-	0.19
1968	-	-	0.24
1967	-	-	0.20
1966	-	-	0.26
1965	-	-	0.25
Average - 5 years 1965 - 1969	-	-	0.228

CAUSES AND SEX DISTRIBUTION OF DEATHS.

	Cause of Death.	M	F	Total
B19(1)	Malignant Neoplasm, Buccal Cavity &c.	1	-	1
B19(3)	Malignant Neoplasm, Stomach.	2	1	3
B19(4)	Malignant Neoplasm, Intestine.	-	2	2
B19(5)	Malignant Neoplasm, Larynx.	1	-	1
B19(6)	Malignant Neoplasm, Lung, Bronchus.	3	2	5
B19(7)	Malignant Neoplasm, Breast.	1	-	1
B19(8)	Malignant Neoplasm, Uterus.	-	1	1
B19(9)	Malignant Neoplasm, Prostate.	3	-	3
B19(11)	Other Malignant Neoplasms.	1	3	4
B46(3)	Mental Disorders.	1	2	3
B46(4)	Multiple Sclerosis.	-	1	1
B46(5)	Other Diseases of Nervous System.	2	1	3
B26	Chronic Rheumatic Heart Disease.	2	1	3
B27	Hypertensive Disease.	1	1	2
B28	Ischaemic Heart Disease.	16	14	30
B29	Other Forms of Heart Disease.	3	3	6
B30	Cerebrovascular Disease.	7	5	12
B46(6)	Other Diseases of Circulatory System.	3	4	7
B31	Influenza.	1	2	3
B32	Pneumonia.	10	2	12
B33(10)	Bronchitis and Emphysema	3	-	3
B46(7)	Other Diseases of Respiratory System.	-	1	1
B34	Peptic Ulcer.	1	1	2
B36	Intestinal Obstruction and Hernia.	-	1	1
B37	Cirrhosis of Liver	-	1	1
B46(8)	Other Diseases of Digestive System.	1	1	2
B38	Nephritis and Nephrosis	1	-	1
B39	Hyperplasia of Prostate.	1	-	1
B46(9)	Other Diseases, Genito-Urinary System.	1	-	1
B42	Congenital Anomalies.	2	-	2
BE47	Motor Vehicle Accidents.	3	-	3
BE48	All Other Accidents.	-	1	1
Total - all causes.		71	51	122



There were 122 deaths in 1970 compared with 134 in 1969.

In 1970, 21 deaths were reported as due to cancer in its various forms, as against 17 deaths the year before. This works out that approximately one death in every six has been due to cancer.

In 1970, 60 deaths were attributed to diseases of the heart and circulatory diseases in its various forms, including cerebro-vascular accidents (strokes).

The corresponding figure for 1969 was 62. Diseases of the heart and circulatory diseases, especially coronary disease of the heart, have increased in importance as a cause of death. Throughout the country as a whole in 1940, there were 22,841 cases, whereas in 1956 the number had risen to 74,790.

Coronary disease is commoner in the more highly developed communities, in heavy smokers, and in the obese. There is some evidence to suggest that dietary habits, e.g. high animal fat diets, are associated with degenerative heart diseases. Almost half of the deaths recorded in our area this year fall under the heading of vascular and heart diseases.

B. GENERAL PROVISIONS OF THE HEALTH SERVICES.

The Lancashire County Council, as the Health Authority, maintains a comprehensive range of Health and Welfare Services, and School Medical and Dental Services. There is a provision for Child Guidance.

General Hospital Services are provided by the Regional Hospital Board in Blackburn, Accrington, Preston, and Burnley. There is also access, where required, to Manchester, Liverpool, and other hospitals.

Provision is made for Maternity Cases at Bramley Meade, Whalley, Queen's Park Hospital, Blackburn, and Preston Royal Infirmary. Should it be more convenient, rural district Mothers can attend the Child Welfare Clinic and the Relaxation Clinic for Expectant Mothers, both held weekly at Clitheroe.

All these Clinics were transferred to Eastham House, 8, Eshton Terrace, Clitheroe in 1955. Chatburn and district patients are catered for at Chatburn Library on the 1st. and 3rd. Thursday each month; Whalley and district at the Methodist School, Whalley on Monday afternoons; Chipping and district at the Village Hall on the 2nd. Thursday, and Hurst Green on 4th. Thursday of each month.

There is an Ante-Natal Clinic at Bramley Meade Maternity Home, Whalley, which is conducted by a Consulting Obstetrician from the Blackburn Group of Hospitals, and is held twice a month. There is also an Ante-Natal Clinic at Sharoe Green Hospital.

There are hospital facilities available for infectious disease cases at Blackburn and Preston.

The Ambulance Services are provided by the Lancashire County Council.

The Laboratory facilities are available at the Blackburn and East Lancashire Royal Infirmary, and the Public Health Laboratory Service at Preston.

These laboratory facilities are also used by the General Practitioners of the area. The doctors of the district appreciate the fact that the authorities of the Blackburn, Accrington, and Burnley Hospitals have granted them open and direct access to the X-ray department of their hospitals.

There is a Pathological Clinic at Clitheroe Hospital as a sub-laboratory to Blackburn Royal Infirmary. This is conducted by Dr. Hefferman and his colleague Pathologists at the Blackburn Group of Hospitals. Bacteriological, Pathological, Chemical, and Blood examinations are undertaken, and local doctors are at liberty to refer Rural District patients there for any necessary tests, thus saving reference to more distant hospital centres. The extensive service now provided is much appreciated. The pathologist attends every Wednesday morning at 9 a.m., and if the patients are unfit to attend the laboratory then the pathologist visits them at their own homes on request from their doctor.

Physiotherapy Centre, Clitheroe.

This centre was opened in March 1954, under the auspices of the Trustees of the Clitheroe Nursing Association with considerable support from the Trustees of the Whalley and District Nursing Association and the Ribblesdale District Nursing Association. The Council makes an annual financial contribution to the centre.

It is available to any patients in the rural district requiring treatment.

It is not part of the National Health Service, and so a small charge has to be made for treatment. The centre is in the charge of a trained Physiotherapist and Assistant, and provides for the usual treatments - massage, remedial exercises, diathermy, infra-red, and sun-ray etc. Cases are referred by their own doctor, and again it is helpful that patients need not travel to distant hospital centres for treatment, and that doctors can provide continuity of treatment, and they appreciate the open access to a centre providing this kind of treatment.

The extension of the Physiotherapy Services by the opening of a department at the Clitheroe Hospital is providing a great help in getting old people mobile who might otherwise very easily become bedfast.

A domiciliary physiotherapy service would be of benefit for bedfast and housebound patients in this scattered area, but shortage of staff and money appears to exclude such a development at present.

The Old People's Club in Lowergate, Clitheroe, which a few old people in the eastern portion of the district make use of, was opened in 1954, and was extended during 1960.

Whalley and District Old People's Welfare Committee maintain a Club Room which is open daily, and also hold a weekly Luncheon Club for Old People at the Old Grammar School.

The local R.W.V.S. operate a meals on wheels service to selected cases in Whalley and Wiswell, and these are subsidised by the Council at the rate of 7½p per head. 1,630 meals were served to recipients during 1970.

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C. PREVALENCE OF, AND CONTROL OVER, INFECTIOUS DISEASES.

Notifiable Disease.	Total cases all ages.	Total Cases Notified.										Total Deaths.
		Age Periods - Years.										
		0-	1-	2-	3-	4-	5-	10-	15-	25+	Un-known	
Measles	22		4	1	2	3	11			1		
Dysentery	4			2					1	1		
Scarlet fever	5					1	4					
Diphtheria												
Acute meningitis	1							1				
Acute poliomyelitis												
- paralytic												
- non-paralytic												
		0-	5-	15-	45-	65+				Age unknown		
Acute encephalitis - Infective												
Post-infectious												
Leptospirosis												
Paratyphoid fever												
Typhoid fever												
Food poisoning	1			1								
		0-	1-	2-	5-	10-	15-	20-	35-	45-	N.K.	
Tetanus												
Infective jaundice	8				1	2	2	1	2			
Tuberculosis - Respiratory	1									1		
Meninges and C.N.S.												
Other												
Whooping cough	1		1									
Smallpox												
Ophthalmia neonatorum												
Anthrax												
Yellow fever												
Others.												

No. of cases of fatal tuberculosis not notified before death. nil.

The total cases notified show an increase of 24 on the previous year.

During 1970, one case of food poisoning was notified, and ten others were ascertained. Eight cases of salmonella typhi-murium occurred at a local maternity hospital, the source of infection thought to be a previously infected mother. There was one isolated case of salmonella panama thought to have been contracted in hospital. The remaining two cases of salmonella typhi-murium occurred in one family, and the origin was not determined.

For the twentysecond year in succession no case of diphtheria has been reported. This is entirely due to the success of immunisation, and there is a danger that this success may lead parents to neglect having their children immunised. There have been cases of diphtheria reported in other areas of the country, and unless children continue to be immunised, diphtheria, which is a killing disease, will once again become prevalent. There is no room for complacency.

Immunisation against poliomyelitis is now available to all people up to the age of 40. As the more severe paralysis seems to occur in the older people, it is most desirable that the older age groups should avail themselves of the opportunity of immunisation, as well as the children.

The following table gives the comparative incidence of infectious disease during the past five years.

Notifiable Disease.	1970	1969	1968	1967	1966	1965	Average 1965/69
Measles	22	5	40	16	53	98	42.4
Dysentery	4	2	4	-	-	1	1.4
Scarlet fever	5	6	2	-	4	6	3.6
Diphtheria	-	-	-	-	-	-	-
Acute meningitis	1	-	-	-	-	-	-
Acute poliomyelitis paralytic	-	-	-	-	-	-	-
Non-paralytic	-	-	-	-	-	1	0.2
Acute encephalitis infective	-	-	-	-	-	-	-
post-infectious	-	-	-	-	-	-	-
Leptospirosis	-	1	-	-	-	-	0.2
Paratyphoid fever	-	-	-	-	-	-	-
Typhoid fever	-	-	-	-	-	-	-
Food poisoning	1	3	-	-	-	-	0.6
Tetanus	-	-	-	-	-	-	-
Infective jaundice	8	1	4	-	-	-	1.0
Tuberculosis respiratory	1	1	1	-	3	2	1.4
meninges and C.N.S.	-	-	-	-	-	-	-
other	-	-	-	1	1	-	0.4
Whooping cough	1	-	1	18	-	-	3.8
Smallpox	-	-	-	-	-	-	-
Ophthalmia neonatorum	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-
Yellow fever	-	-	-	-	-	-	-
Others	-	-	-	-	-	-	-
Totals	43	19	52	35	61	108	55.0

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CLASSIFICATION: [illegible]

NUMBER OF VOLUMES: [illegible]

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NUMBER OF VOLUMES: [illegible]

DATE OF ACQUISITION: [illegible]

BY: [illegible]

CLASSIFICATION: [illegible]

NUMBER OF VOLUMES: [illegible]

DATE OF ACQUISITION: [illegible]

Tuberculosis.

One new case of tuberculosis was reported during the year.

There were no deaths from the disease.

The cases on the Tuberculosis Register at the 31st. December 1970, are as follows :-

	Male	Female	Total
Respiratory	15	4	19
Non-respiratory	4	2	6
Total	19	6	25

This is an increase of one over last year.

All the cases are followed up by the local chest clinic, and all known close contacts traced and screened, and appropriate preventive measures taken.

The following table gives comparative figures of death rates from Respiratory Tuberculosis in the Rural District, the Administrative County of Lancashire, and England and Wales, for the years 1965 to 1970.

As will be seen from the table, our average figure of the death rate per 1,000 population for the last five years is 0.022 compared with 0.035 for the Administrative County, and 0.037 for England and Wales generally.

Year	Death Rate per 1,000 population.		
	Clitheroe R.D.C.	Lancashire	England & Wales
1965	-	0.040	0.042
1966	-	0.051	0.043
1967	-	0.036	0.037
1968	0.11	0.025	0.043
1969	-	0.023	0.022
Average 5 years 1965/69	0.022	0.035	0.037
1970	-	N.K.	0.019

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Year	1910	1920	1930
Population	100	150	200
Area	100	150	200

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the fifth is the fact that the
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the tenth is the fact that the

Year	1910	1920	1930
Population	100	150	200
Area	100	150	200
Population	100	150	200
Area	100	150	200
Population	100	150	200
Area	100	150	200

P A R T II.

ENVIRONMENTAL HYGIENE.

A. SANITARY CIRCUMSTANCES OF THE AREA.

B. REFUSE COLLECTION AND DISPOSAL.

C. HOUSING.

D. INSPECTION AND SUPERVISION OF FOOD.

BY

H. COCKSHUTT,

M.R.S.H., M.P.H.I.A.,

CHIEF PUBLIC HEALTH INSPECTOR AND SURVEYOR.

ENVIRONMENTAL FACTORS

A. CLIMATE CONDITIONS OF THE AREA

B. WATER QUALITY AND QUANTITY

C. SOILS

D. VEGETATION AND FAUNA OF THE AREA

BY

E. J. CAMPBELL

U.S. GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

PART II.

A. SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLIES.

On the 1st. April 1960, the Council's water undertaking became the responsibility of the Fylde Water Board, Eastern Division.

The following table gives details of properties supplied with water from Public Mains.

Parish.	Dwellings.		Other Buildings.		Totals.	
	No.	With Public Water supply.	No.	With Public Water supply.	Buildings	Supplies from Public Mains.
Aighton, Bailey, and Chaigley.	305	242	40	2	345	244
Bowland - with - Leagram.	40	13	3	-	43	13
Chatburn.	390	390	96	14	486	404
Chipping.	289	283	71	12	360	295
Downham.	61	59	9	2	70	61
Little Mitton.	14	14	2	-	16	14
Mearley.	8	-	-	-	8	-
Pendleton.	90	84	7	2	97	86
Thornley - with - Wheatley.	81	63	8	3	89	66
Twiston.	21	16	-	-	21	16
Whalley.	861	849	135	38	996	887
Wiswell.	257	249	51	6	308	255
Worston.	31	25	2	-	33	25
Totals.	2,448	2,287	424	79	2,872	2,366

The following additional properties were connected to Public Mains during the year :-

New Buildings	- Private Houses	5
	Other premises	-
Existing properties	- Dwellings	-
	Other premises	-

A proportion of the dwellings not supplied from Public Mains obtain their water from private supplies, viz. Storyhurst College (Aighton, Bailey & Chaigley), whilst the remainder depend upon individual and small joint supplies.

Storyhurst College supply is chlorinated as well as passing through slow sand filters.

There was no water shortage throughout the year.

Sampling.

Thirteen samples of drinking water were obtained from Private supplies, and were submitted for bacteriological examination. Nine of these were reported as being satisfactory, the other four being unsatisfactory.

Three unsatisfactory samples were obtained from Public supplies.

Further samples of these supplies are being taken periodically. Users are advised upon precautionary measures.

The table below shows the details of the samples submitted for examination.

None of the water supplies show liability to plumbo solvent action.

Source	Bacteriological.		
	No. taken.	Satisfactory.	Unsatisfactory.
Chaigley.	1	1	-
Mearley.	3	1	2
Storyhurst (C)	5	4	1
Twiston (Public)	3	-	3
Whalley.	2	1	1
Wiswell.	2	2	-
Totals :-	16	9	7

(C) indicates water subject to chlorination treatment.

No chemical samples were taken during the year.

SEWERAGE, DRAINAGE, AND CLOSET ACCOMMODATION.

Diversion of sewers in connection with the A.59 Bypass was completed in 1970, including conveyance of all sewage from Wiswell to the Whalley Sewage system.

Worston remains the only village in the district without a mains sewerage system. A scheme was reconsidered during 1970, but was again rejected owing to the high cost involved - approximately £1,000 per dwelling. However, the last two remaining pail closets in the village were converted to W.C.'s during the year, with connection to a septic tank.

The last remaining pail closet in Pendleton village was converted to a W.C. during 1970.

The Council award a grant of £15 towards the cost of converting pail closets, but the amended provisions of the Housing Act 1969 and preceding legislation have largely superseded this, and the Council have in every case awarded a 50% grant towards the provision of a septic tank.

During 1970 the following closet conversions were carried out :-

Privy closets to fresh water closets	1
Pail closets to fresh water closets	13
Waste water closets to fresh water closets	5

The following are approximate details of closet accommodation at the end of the year.

No. of middens	41
No. of closets attached to these middens	41
No. of pail closets	65
No. of moveable dustbins	2,966
No. of waste water closets	39
No. of fresh water closets	3,151
No. of dwellings not on water carriage system	105

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Whalley Sewage Disposal Works.

For some considerable time these works have been dealing with sewage flows well in excess of their design capacity. This has been further aggravated by the diversion to Whalley of all foul sewage from Wiswell Village, which was necessitated by the construction of the A.59 Bypass. Our consultant engineer is currently preparing a scheme for enlarging the works, for submission to the Council in 1971.

Barrow Sewage Disposal Works.

Diversion of all sewage from Wiswell to Whalley during 1969 has considerably reduced the intake at these works. Consideration is now being given to the feasibility of transferring all sewage from the Barrow area to Whalley, and thereby dispensing with these works.

Hurst Green Sewage Disposal Works.

The high fat content of the sewage continues to give difficulties in the filters and sludge beds.

Chipping Sewage Disposal Works.

Effluent from a local cheese dairy has continued to cause difficulties in obtaining a satisfactory final effluent. The consultant engineer is preparing a scheme to allow for this and other factors, for submission to the Council in 1971.

Chatburn Sewage Disposal Works.

Some protective works to prevent flood erosion were carried out in 1970.

PUBLIC CONVENIENCES.

Five Public Conveniences are now provided by the Council, and are situated at Chatburn, Chipping, Downham, Hurst Green, and Whalley.

The one at Hurst Green is of stone construction, and is supplied with wash-hand basin and towels. Penny slot locks have now been removed from all the conveniences.

The main five villages in the area are now provided with public conveniences. Those at Hurst Green and Whalley have wash-hand basins for both sexes, and at Chipping in ladies only.

Wanton damage has taken place in all the conveniences, and is much to be regretted.

56 inspections were carried out during the year.

It is planned to erect new conveniences at Chipping in conjunction with other works in connection with the designated Conservation Area.

RIVERS AND STREAMS.

The River Calder is still somewhat polluted by industrial waste effluents before it enters the Council's District, though improvements are taking place and fish can now be seen in the river at Whalley. In fact, the Council let the fishing rights to a local angling club during 1969, so far as I am aware, for the first time in the Council's history.

At Chipping and Pendleton there is a certain amount of material dumped in the stream by careless householders, and despite the positioning of notices, this continues. Slight pollution still occurs at Worston and Pendleton from sink and bath wastes.

OFFICES, SHOPS, AND RAILWAY PREMISES ACT, 1963.

Routine inspections are made, and special inspections as occasions require, but pressure of other work has severely curtailed the number of visits, particularly in regard to the enforcement of the Offices, Shops, and Railway Premises Act.

	Class of premises.				
	Offices	Retail shops	Wholesale shops, warehouses.	Catering estb. open to public, canteens.	Fuel storage depots.
No. of registered premises at end of year.	16	19	-	17	-
No. of registered premises receiving a general inspection during year.	6	6	-	5	-
No. of exemptions current at end of year :-					
Space (S.5.(2))	-	-	-	-	-
Temperature (S.6)	-	-	-	-	-
Sanitary Conveniences(S.9)	-	-	-	-	-
Washing facilities (S.10)	-	-	-	-	-

No. of visits of all kinds by inspectors to registered premises 42

FACTORIES.

Twenty-nine routine and special visits were paid to factories with and without mechanical power during the year, for purposes of the provisions as to health. Defects found, chiefly in connection with sanitary conveniences, were notified to the occupiers, and by the end of the year were either completed or in hand.

Inspections for purposes of provisions as to health, (including the inspections made by Public Health Inspectors) :-

Premises.	Number on Register.	Number of		
		Inspections.	Written Notices.	Occupiers Prosecuted.
(1) Factories in which sections 1,2,3,4, & 6 are to be enforced by Local Authority.	1	4	-	-
(2) Factories not included in (1) in which section 7 is enforced by Local Authority.	34	22	2	-
(3) Other premises in which section 7 is enforced by Local Authority (excluding out-workers' premises).	2	3	-	-
Totals :-	37	29	2	-

REPORT ON THE PROGRESS OF THE WORK DURING THE YEAR 1900

The following report contains a summary of the work done during the year 1900, and is intended to be read in connection with the annual report of the Society for the year 1900.

No. of the Report	Title of the Report	Author	Date of Publication	Remarks
1	The Progress of the Work during the Year 1900	J. H. H. H.	1900	This report contains a summary of the work done during the year 1900, and is intended to be read in connection with the annual report of the Society for the year 1900.
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Cases in which defects were found.

Particulars.	Number of cases in which defects were found.				Number of cases in which prosecutions were instituted.
	Found.	Remedied.	To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	3	2	-	-	-
Overcrowding	-	-	-	-	-
Unreasonable temperature	-	-	-	-	-
Inadequate ventilation	-	-	-	-	-
Ineffective drainage of floors	1	1	-	-	-
Sanitary Conveniences					
(a) insufficient	1	1	-	-	-
(b) unsuitable or defective	1	1	-	-	-
(c) not separate for sexes	-	-	-	-	-
Other offences against the Act (not including offences relating to outwork).	-	-	-	-	-
Totals	6	5	-	-	-

CAMPING SITES, TENTS, VANS AND SHEDS.

Under the Caravan Sites and Control of Development Act 1960, five site licences are in force, all for individual caravans. In addition to the caravans there are quite a number of hutments in the area which are not licenced. These huts have, in most cases, been in the area for twenty years or more, but a gradual reduction is being effected.

The district is well used by week-end campers, but no complaints were received regarding any damage or nuisance caused.

There are no sites in the district licensed for more than one caravan.

A certain amount of latitude has been exercised in respect of a small number of temporary caravans occupied by personnel working on the A.59 Bypass.

ATMOSPHERIC POLLUTION.

There are eight factory chimneys in the district. No complaint of black or heavy smoke was received during the year, and none was observed.

A local stone crushing works is fully equipped with dust arrestor plant. Nevertheless, the deposit of dust in the Chatburn area still gives cause for concern.

A significant amount of pollution arises from outside the district boundaries, and several representations have been made to the adjoining Local Authority under whose jurisdiction the premises concerned are operating.

Arising from this, consultations have taken place during 1970 with that Authority, the Alkali Inspectorate, and representatives of the firm mainly concerned, and whose premises lie outside our area. The benefits arising from this were beginning to be felt at the time of writing this report.

Appended in the following table are the monthly readings of the dust gauges sited at Chatburn and Downham. From this it will be noted that the average monthly readings for Chatburn for 1970 are the highest since recording began in 1962.

The figures show total calcium in tons per square mile.

Date		Time		Location		Remarks	
10/10/1971	10:00	10:15	10:30	10:45	11:00	11:15	11:30
10/10/1971	11:45	12:00	12:15	12:30	12:45	13:00	13:15
10/10/1971	13:30	13:45	14:00	14:15	14:30	14:45	15:00
10/10/1971	15:15	15:30	15:45	16:00	16:15	16:30	16:45
10/10/1971	16:45	17:00	17:15	17:30	17:45	18:00	18:15
10/10/1971	18:30	18:45	19:00	19:15	19:30	19:45	20:00
10/10/1971	20:15	20:30	20:45	21:00	21:15	21:30	21:45
10/10/1971	21:45	22:00	22:15	22:30	22:45	23:00	23:15
10/10/1971	23:15	23:30	23:45	24:00	24:15	24:30	24:45
10/10/1971	24:45	25:00	25:15	25:30	25:45	26:00	26:15
10/10/1971	26:15	26:30	26:45	27:00	27:15	27:30	27:45
10/10/1971	27:45	28:00	28:15	28:30	28:45	29:00	29:15
10/10/1971	29:15	29:30	29:45	30:00	30:15	30:30	30:45
10/10/1971	30:45	31:00	31:15	31:30	31:45	32:00	32:15
10/10/1971	32:15	32:30	32:45	33:00	33:15	33:30	33:45
10/10/1971	33:45	34:00	34:15	34:30	34:45	35:00	35:15
10/10/1971	35:15	35:30	35:45	36:00	36:15	36:30	36:45
10/10/1971	36:45	37:00	37:15	37:30	37:45	38:00	38:15
10/10/1971	38:15	38:30	38:45	39:00	39:15	39:30	39:45
10/10/1971	39:45	40:00	40:15	40:30	40:45	41:00	41:15
10/10/1971	41:15	41:30	41:45	42:00	42:15	42:30	42:45
10/10/1971	42:45	43:00	43:15	43:30	43:45	44:00	44:15
10/10/1971	44:15	44:30	44:45	45:00	45:15	45:30	45:45
10/10/1971	45:45	46:00	46:15	46:30	46:45	47:00	47:15
10/10/1971	47:15	47:30	47:45	48:00	48:15	48:30	48:45
10/10/1971	48:45	49:00	49:15	49:30	49:45	50:00	50:15
10/10/1971	50:15	50:30	50:45	51:00	51:15	51:30	51:45
10/10/1971	51:45	52:00	52:15	52:30	52:45	53:00	53:15
10/10/1971	53:15	53:30	53:45	54:00	54:15	54:30	54:45
10/10/1971	54:45	55:00	55:15	55:30	55:45	56:00	56:15
10/10/1971	56:15	56:30	56:45	57:00	57:15	57:30	57:45
10/10/1971	57:45	58:00	58:15	58:30	58:45	59:00	59:15
10/10/1971	59:15	59:30	59:45	60:00	60:15	60:30	60:45
10/10/1971	60:45	61:00	61:15	61:30	61:45	62:00	62:15
10/10/1971	62:15	62:30	62:45	63:00	63:15	63:30	63:45
10/10/1971	63:45	64:00	64:15	64:30	64:45	65:00	65:15
10/10/1971	65:15	65:30	65:45	66:00	66:15	66:30	66:45
10/10/1971	66:45	67:00	67:15	67:30	67:45	68:00	68:15
10/10/1971	68:15	68:30	68:45	69:00	69:15	69:30	69:45
10/10/1971	69:45	70:00	70:15	70:30	70:45	71:00	71:15
10/10/1971	71:15	71:30	71:45	72:00	72:15	72:30	72:45
10/10/1971	72:45	73:00	73:15	73:30	73:45	74:00	74:15
10/10/1971	74:15	74:30	74:45	75:00	75:15	75:30	75:45
10/10/1971	75:45	76:00	76:15	76:30	76:45	77:00	77:15
10/10/1971	77:15	77:30	77:45	78:00	78:15	78:30	78:45
10/10/1971	78:45	79:00	79:15	79:30	79:45	80:00	80:15
10/10/1971	80:15	80:30	80:45	81:00	81:15	81:30	81:45
10/10/1971	81:45	82:00	82:15	82:30	82:45	83:00	83:15
10/10/1971	83:15	83:30	83:45	84:00	84:15	84:30	84:45
10/10/1971	84:45	85:00	85:15	85:30	85:45	86:00	86:15
10/10/1971	86:15	86:30	86:45	87:00	87:15	87:30	87:45
10/10/1971	87:45	88:00	88:15	88:30	88:45	89:00	89:15
10/10/1971	89:15	89:30	89:45	90:00	90:15	90:30	90:45
10/10/1971	90:45	91:00	91:15	91:30	91:45	92:00	92:15
10/10/1971	92:15	92:30	92:45	93:00	93:15	93:30	93:45
10/10/1971	93:45	94:00	94:15	94:30	94:45	95:00	95:15
10/10/1971	95:15	95:30	95:45	96:00	96:15	96:30	96:45
10/10/1971	96:45	97:00	97:15	97:30	97:45	98:00	98:15
10/10/1971	98:15	98:30	98:45	99:00	99:15	99:30	99:45
10/10/1971	99:45	100:00	100:15	100:30	100:45	101:00	101:15
10/10/1971	101:15	101:30	101:45	102:00	102:15	102:30	102:45
10/10/1971	102:45	103:00	103:15	103:30	103:45	104:00	104:15
10/10/1971	104:15	104:30	104:45	105:00	105:15	105:30	105:45
10/10/1971	105:45	106:00	106:15	106:30	106:45	107:00	107:15
10/10/1971	107:15	107:30	107:45	108:00	108:15	108:30	108:45
10/10/1971	108:45	109:00	109:15	109:30	109:45	110:00	110:15
10/10/1971	110:15	110:30	110:45	111:00	111:15	111:30	111:45
10/10/1971	111:45	112:00	112:15	112:30	112:45	113:00	113:15
10/10/1971	113:15	113:30	113:45	114:00	114:15	114:30	114:45
10/10/1971	114:45	115:00	115:15	115:30	115:45	116:00	116:15
10/10/1971	116:15	116:30	116:45	117:00	117:15	117:30	117:45
10/10/1971	117:45	118:00	118:15	118:30	118:45	119:00	119:15
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10/10/1971	128:15	128:30	128:45	129:00	129:15	129:30	129:45
10/10/1971	129:45	130:00	130:15	130:30	130:45	131:00	131:15
10/10/1971	131:15	131:30	131:45	132:00	132:15	132:30	132:45
10/10/1971	132:45	133:00	133:15	133:30	133:45	134:00	134:15
10/10/1971	134:15	134:30	134:45	135:00	135:15	135:30	135:45
10/10/1971	135:45	136:00	136:15	136:30	136:45	137:00	137:15
10/10/1971	137:15	137:30	137:45	138:00	138:15	138:30	138:45
10/10/1971	138:45	139:00	139:15	139:30	139:45	140:00	140:15
10/10/1971	140:15	140:30	140:45	141:00	141:15	141:30	141:45
10/10/1971	141:45	142:00	142:15	142:30	142:45	143:00	143:15
10/10/1971	143:15	143:30	143:45	144:00	144:15	144:30	144:45
10/10/1971	144:45	145:00	145:15	145:30	145:45	146:00	146:15
10/10/1971	146:15	146:30	146:45	147:00	147:15	147:30	147:45
10/10/1971	147:45	148:00	148:15	148:30	148:45	149:00	149:15
10/10/1971	149:15	149:30	149:45	150:00	150:15	150:30	150:45
10/10/1971	150:45	151:00	151:15	151:30	151:45	152:00	152:15
10/10/1971	152:15	152:30	152:45	153:00	153:15	153:30	153:45
10/10/1971	153:45	154:00	154:15	154:30	154:45	155:00	155:15
10/10/1971	155:15	155:30	155:45	156:00	156:15	156:30	156:45
10/10/1971	156:45	157:00	157:15	157:30	157:45	158:00	158:15
10/10/1971	158:15	158:30	158:45	159:00	159:15	159:30	159:45
10/10/1971	159:45	160:00	160:15	160:30	160:45	161:00	161:15
10/10/1971	161:15	161:30	161:45	162:00	162:15	162:30	162:45
10/10/1971	162:45	163:00	163:15	163:30	163:45	164:00	164:15
10/10/1971	164:15	164:30	164:45	165:00	165:15	165:30	165:45
10/10/1971	165:45	166:00	166:15	166:30	166:45	167:00	167:15
10/10/1971	167:15	167:30	167:45	168:00	168:15	168:30	168:45
10/10/1971	168:45	169:00	169:15	169:30	169:45	170:00	170:15
10/10/1971	170:15	170:30	170:45	171:00	171:15	171:30	171:45
10/10/1971	171:45	172:00	172:15	172:30	172:45	173:00	173:15
10/10/1971	173:15	173:30	173:45	174:00	174:15	174:30	174:45
10/10/1971	174:45	175:00	175:15	175:30	175:45	176:00	176:15
10/10/1971	176:15	176:30	176:45	177:00	177:15	177:30	177:45
10/10/1971	177:45	178:00	178:15	178:30	178:45	179:00	179:15
10/10/1971	179:15	179:30	179:45	180:00	180:15	180:30	180:45
10/10/1971	180:45	181:00	181:15	181:30	181:45	182:00	182:15
10/10/1971	182:15	182:30	182:45	183:00	183:15	183:30	183:45
10/10/1971	183:45	184:00	184:15	184:30	184:45	185:00	185:15
10/10/1971	185:15	185:30	185:45	186:00	186:15	186:30	186:45
10/10/1971	186:45	187:00	187:15	187:30	187:45	188:00	188:15
10/10/1971	188:15	188:30	188:45	189:00	189:15	189:30	189:45
10/10/1971	189:45	190:00	190:15	190:30	190:45	191:00	191:15
10/10/1971	191:15	191:30	191:45	192:00	192:15	192:30	192:45
10/10/1971	192:45	193:00	193:15	193:30	193:45	194:00	194:15
10/10/1971	194:15	194:30	194:45	195:00	195:15	195:30	195:45
10/10/1971	195:45	196:00	196:15	196:30	196:45	197:00	197:15
10/10/1971	197:15	197:30	197:45	198:00	198:15	198:30	198:45
10/10/1971	198:45	199:00	199:15	199:30	199:45	200:00	200:15
10/10/1971	200:15	200:30	200:45	201:00	201:15	201:30	201:45
10/10/1971	201:45	202:00	202:15	202:30	202:45	203:00	203:15
10/10/1971	203:15	203:30	203:45	204:00	204:15	204:30	204:45
10/10/1971	204:45	205:00	205:15	205:30	205:45	206:00	206:15
10/10/1971	206:15	206:30	206:45	207:00	207:15	207:30	207:45
10/10/1971	207:45	208:00	208:15	20			

CHATBURN.

Year	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jly.	Aug.	Sep.	Oct.	Nov.	Dec.	Av.
1963	-	-	-	3.9	1.6	13.2	15.5	13.9	13.5	1.7	6.4	4.4	8.23
1964	6.9	7.1	9.0	2.8	2.8	2.2	4.8	9.0	9.0	9.2	13.2	6.1	6.84
1965	10.1	2.6	4.9	4.4	4.8	10.0	7.6	5.4	6.6	4.4	6.7	3.9	5.95
1966	3.1	4.9	7.3	4.1	9.4	11.4	10.0	5.7	5.1	4.3	4.5	3.8	6.13
1967	3.2	4.4	4.1	5.8	6.0	2.9	10.8	9.5	5.5	8.1	8.1	4.8	6.1
1968	4.7	2.8	9.1	12.5	7.9	7.7	3.0	8.1	8.2	11.2	4.7	5.8	7.14
1969	10.9	2.5	7.2	10.0	8.5	9.4	5.1	12.0	12.3	16.5	11.5	5.4	9.275
1970	7.1	15.6	14.2	10.5	11.0	10.2	16.3	11.6	17.9	27.6	19.0	10.4	14.283

D O W N H A M.

1962	9.7	5.7	1.9	3.0	4.3	6.7	2.5	4.0	3.7	2.6	1.1	5.2	4.2
1963	0.85	0.6	1.3	-	-	-	-	-	-	-	-	-	0.92
1964	-	-	-	-	-	-	-	-	-	-	-	-	-
1965	-	-	-	1.7	1.8	3.7	1.1	1.1	4.2	2.1	2.5	0.9	2.3
1966	1.9	3.8	4.4	1.0	3.3	3.4	2.7	2.7	2.0	2.5	3.1	0.9	2.64
1967	2.6	2.4	2.1	2.1	2.2	1.8	-	-	-	-	4.3	2.0	2.44
1968	3.2	1.5	5.1	5.6	2.7	1.4	2.1	1.5	6.0	1.4	1.6	1.5	2.8
1969	6.1	0.9	2.0	2.9	2.6	3.2	3.3	5.6	4.0	5.4	5.3	1.7	3.583
1970	1.9	5.3	3.6	4.3	4.5	3.2	4.0	2.3	3.4	5.1	4.4	1.9	3.658

DISINFECTION AND DISINFESTATION.

It was only found necessary to disinfect one house during the year.

SCHOOLS.

There are thirteen schools in the district, including three at Stonyhurst College.

All the schools in the area are provided with water closets, with connections either to the sewer or septic tanks.

Permanent extensions to Whiteacre School were completed during the year, and improvements and extensions to Whalley School are now completed.

New inside toilet blocks were completed at Hurst Green C.E. School, and Downham School.

RAG FLOCK AND OTHER FILLING MATERIALS ACT 1951.

One chair works in the district is registered in accordance with the provisions of the Act.

DEALERS IN OLD METAL ETC.

No dealers are registered under this Act in the district. In this matter the Department co-operates with the Police Authority when necessary.

RODENT CONTROL.

No Rodent Operative is now employed by the Council. The staff nevertheless attend to all complaints, and treat refuse tips, sewers, and sewage disposal works as often as necessary. No routine surveys for rodent infestation are now carried out.

PETROL LICENCES.

There are thirty-two petrol stores licensed, twelve of which are petrol filling stations. Five inspections were made during the year.

TABLE 1. - SUMMARY OF DATA FOR THE 1950-51 FLOODING OF THE MISSISSIPPI RIVER AT ST. LOUIS, MO.									
DATE	STAGE (FEET)	DISCHARGE (CFS)	WIND VELOCITY (MPH)	WAVE HEIGHT (FEET)	ICE (YES/NO)	RAINFALL (INCHES)	WIND DIRECTION	WAVE DIRECTION	REMARKS
10/1/50	10.0	100,000	10	2	NO	0.1	N	N	Clear
10/2/50	10.5	120,000	15	3	NO	0.2	N	N	Clear
10/3/50	11.0	140,000	20	4	NO	0.3	N	N	Clear
10/4/50	11.5	160,000	25	5	NO	0.4	N	N	Clear
10/5/50	12.0	180,000	30	6	NO	0.5	N	N	Clear
10/6/50	12.5	200,000	35	7	NO	0.6	N	N	Clear
10/7/50	13.0	220,000	40	8	NO	0.7	N	N	Clear
10/8/50	13.5	240,000	45	9	NO	0.8	N	N	Clear
10/9/50	14.0	260,000	50	10	NO	0.9	N	N	Clear
10/10/50	14.5	280,000	55	11	NO	1.0	N	N	Clear
10/11/50	15.0	300,000	60	12	NO	1.1	N	N	Clear
10/12/50	15.5	320,000	65	13	NO	1.2	N	N	Clear
10/13/50	16.0	340,000	70	14	NO	1.3	N	N	Clear
10/14/50	16.5	360,000	75	15	NO	1.4	N	N	Clear
10/15/50	17.0	380,000	80	16	NO	1.5	N	N	Clear
10/16/50	17.5	400,000	85	17	NO	1.6	N	N	Clear
10/17/50	18.0	420,000	90	18	NO	1.7	N	N	Clear
10/18/50	18.5	440,000	95	19	NO	1.8	N	N	Clear
10/19/50	19.0	460,000	100	20	NO	1.9	N	N	Clear
10/20/50	19.5	480,000	105	21	NO	2.0	N	N	Clear
10/21/50	20.0	500,000	110	22	NO	2.1	N	N	Clear
10/22/50	20.5	520,000	115	23	NO	2.2	N	N	Clear
10/23/50	21.0	540,000	120	24	NO	2.3	N	N	Clear
10/24/50	21.5	560,000	125	25	NO	2.4	N	N	Clear
10/25/50	22.0	580,000	130	26	NO	2.5	N	N	Clear
10/26/50	22.5	600,000	135	27	NO	2.6	N	N	Clear
10/27/50	23.0	620,000	140	28	NO	2.7	N	N	Clear
10/28/50	23.5	640,000	145	29	NO	2.8	N	N	Clear
10/29/50	24.0	660,000	150	30	NO	2.9	N	N	Clear
10/30/50	24.5	680,000	155	31	NO	3.0	N	N	Clear
10/31/50	25.0	700,000	160	32	NO	3.1	N	N	Clear
11/1/50	25.5	720,000	165	33	NO	3.2	N	N	Clear
11/2/50	26.0	740,000	170	34	NO	3.3	N	N	Clear
11/3/50	26.5	760,000	175	35	NO	3.4	N	N	Clear
11/4/50	27.0	780,000	180	36	NO	3.5	N	N	Clear
11/5/50	27.5	800,000	185	37	NO	3.6	N	N	Clear
11/6/50	28.0	820,000	190	38	NO	3.7	N	N	Clear
11/7/50	28.5	840,000	195	39	NO	3.8	N	N	Clear
11/8/50	29.0	860,000	200	40	NO	3.9	N	N	Clear
11/9/50	29.5	880,000	205	41	NO	4.0	N	N	Clear
11/10/50	30.0	900,000	210	42	NO	4.1	N	N	Clear
11/11/50	30.5	920,000	215	43	NO	4.2	N	N	Clear
11/12/50	31.0	940,000	220	44	NO	4.3	N	N	Clear
11/13/50	31.5	960,000	225	45	NO	4.4	N	N	Clear
11/14/50	32.0	980,000	230	46	NO	4.5	N	N	Clear
11/15/50	32.5	1,000,000	235	47	NO	4.6	N	N	Clear
11/16/50	33.0	1,020,000	240	48	NO	4.7	N	N	Clear
11/17/50	33.5	1,040,000	245	49	NO	4.8	N	N	Clear
11/18/50	34.0	1,060,000	250	50	NO	4.9	N	N	Clear
11/19/50	34.5	1,080,000	255	51	NO	5.0	N	N	Clear
11/20/50	35.0	1,100,000	260	52	NO	5.1	N	N	Clear
11/21/50	35.5	1,120,000	265	53	NO	5.2	N	N	Clear
11/22/50	36.0	1,140,000	270	54	NO	5.3	N	N	Clear
11/23/50	36.5	1,160,000	275	55	NO	5.4	N	N	Clear
11/24/50	37.0	1,180,000	280	56	NO	5.5	N	N	Clear
11/25/50	37.5	1,200,000	285	57	NO	5.6	N	N	Clear
11/26/50	38.0	1,220,000	290	58	NO	5.7	N	N	Clear
11/27/50	38.5	1,240,000	295	59	NO	5.8	N	N	Clear
11/28/50	39.0	1,260,000	300	60	NO	5.9	N	N	Clear
11/29/50	39.5	1,280,000	305	61	NO	6.0	N	N	Clear
11/30/50	40.0	1,300,000	310	62	NO	6.1	N	N	Clear
12/1/50	40.5	1,320,000	315	63	NO	6.2	N	N	Clear
12/2/50	41.0	1,340,000	320	64	NO	6.3	N	N	Clear
12/3/50	41.5	1,360,000	325	65	NO	6.4	N	N	Clear
12/4/50	42.0	1,380,000	330	66	NO	6.5	N	N	Clear
12/5/50	42.5	1,400,000	335	67	NO	6.6	N	N	Clear
12/6/50	43.0	1,420,000	340	68	NO	6.7	N	N	Clear
12/7/50	43.5	1,440,000	345	69	NO	6.8	N	N	Clear
12/8/50	44.0	1,460,000	350	70	NO	6.9	N	N	Clear
12/9/50	44.5	1,480,000	355	71	NO	7.0	N	N	Clear
12/10/50	45.0	1,500,000	360	72	NO	7.1	N	N	Clear
12/11/50	45.5	1,520,000	365	73	NO	7.2	N	N	Clear
12/12/50	46.0	1,540,000	370	74	NO	7.3	N	N	Clear
12/13/50	46.5	1,560,000	375	75	NO	7.4	N	N	Clear
12/14/50	47.0	1,580,000	380	76	NO	7.5	N	N	Clear
12/15/50	47.5	1,600,000	385	77	NO	7.6	N	N	Clear
12/16/50	48.0	1,620,000	390	78	NO	7.7	N	N	Clear
12/17/50	48.5	1,640,000	395	79	NO	7.8	N	N	Clear
12/18/50	49.0	1,660,000	400	80	NO	7.9	N	N	Clear
12/19/50	49.5	1,680,000	405	81	NO	8.0	N	N	Clear
12/20/50	50.0	1,700,000	410	82	NO	8.1	N	N	Clear
12/21/50	50.5	1,720,000	415	83	NO	8.2	N	N	Clear
12/22/50	51.0	1,740,000	420	84	NO	8.3	N	N	Clear
12/23/50	51.5	1,760,000	425	85	NO	8.4	N	N	Clear
12/24/50	52.0	1,780,000	430	86	NO	8.5	N	N	Clear
12/25/50	52.5	1,800,000	435	87	NO	8.6	N	N	Clear
12/26/50	53.0	1,820,000	440	88	NO	8.7	N	N	Clear
12/27/50	53.5	1,840,000	445	89	NO	8.8	N	N	Clear
12/28/50	54.0	1,860,000	450	90	NO	8.9	N	N	Clear
12/29/50	54.5	1,880,000	455	91	NO	9.0	N	N	Clear
12/30/50	55.0	1,900,000	460	92	NO	9.1	N	N	Clear
12/31/50	55.5	1,920,000	465	93	NO	9.2	N	N	Clear
1/1/51	56.0	1,940,000	470	94	NO	9.3	N	N	Clear
1/2/51	56.5	1,960,000	475	95	NO	9.4	N	N	Clear
1/3/51	57.0	1,980,000	480	96	NO	9.5	N	N	Clear
1/4/51	57.5	2,000,000	485	97	NO	9.6	N	N	Clear
1/5/51	58.0	2,020,000	490	98	NO	9.7	N	N	Clear
1/6/51	58.5	2,040,000	495	99	NO	9.8	N	N	Clear
1/7/51	59.0	2,060,000	500	100	NO	9.9	N	N	Clear
1/8/51	59.5	2,080,000	505	101	NO	10.0	N	N	Clear
1/9/51	60.0	2,100,000	510	102	NO	10.1	N	N	Clear
1/10/51	60.5	2,120,000	515	103	NO	10.2	N	N	Clear
1/11/51	61.0	2,140,000	520	104	NO	10.3	N	N	Clear
1/12/51	61.5	2,160,000	525	105	NO	10.4	N	N	Clear
1/13/51	62.0	2,180,000	530	106	NO	10.5	N	N	Clear
1/14/51	62.5	2,200,000	535	107	NO	10.6	N	N	Clear
1/15/51	63.0	2,220,000	540	108	NO	10.7	N	N	Clear
1/16/51	63.5	2,240,000	545	109	NO	10.8	N	N	Clear
1/17/51	64.0	2,260,000	550	110	NO	10.9	N	N	Clear
1/18/51	64.5	2,280,000	555	111	NO	11.0	N	N	Clear
1/19/51	65.0	2,300,000	560	112	NO	11.1	N	N	Clear
1/20/51	65.5	2,320,000	565	113	NO	11.2	N	N	Clear
1/21/51	66.0	2,340,000	570	114	NO	11.3	N	N	Clear
1/22/51	66.5	2,360,000	575	115	NO	11.4	N	N	Clear
1/23/51	67.0	2,380,000	580	116	NO	11.5	N	N	Clear
1/24/51	67.5	2,400,000	585	117	NO	11.6	N	N	Clear
1/25/51	68.0	2,420,000	590	118	NO	11.7	N	N	Clear
1/26/51	68.5	2,440,000	595	119	NO	11.8	N	N	Clear
1/27/51	69.0	2,460,000	600	120	NO	11.9	N	N	Clear
1/28/51	69.5	2,480,000	605	121	NO	12.0	N	N	Clear
1/29/51	70.0	2,500,000	610	122	NO	12.1	N	N	Clear
1/30/51	70.5	2,520,000	615	123	NO	12.2	N	N	Clear
1/31/51	71.0	2,540,000	620	124	NO	12.3	N	N	Clear
2/1/51	71.5	2,560,000	625	125	NO	12.4	N	N	Clear
2/2/51	72.0	2,580,000	630	126	NO	12.5	N	N	Clear
2/3/51	72.5	2,600,000	635	127	NO	12.6	N	N	Clear
2/4/51	73.0	2,620,000	640	128	NO	12.7	N	N	Clear
2/5/51	73.5	2,640,000	645	129	NO	12.8	N	N	Clear
2/6/51	74.0	2,660,000	650	130	NO	12.9	N	N	Clear
2/7/51	74.5	2,680,000	655	131	NO	13.0	N	N	Clear
2/8/51	75.0	2,700,000	660	132	NO	13.1	N	N	Clear
2/9/51	75.5	2,720,000	665	133	NO	13.2	N	N	Clear
2/10/51	76.0	2,740,000	670	134	NO	13.3	N	N	Clear
2/11/51	76.5	2,760,000	675	135	NO	13.4	N	N	Clear
2/12/51	77.0	2,780,000	680	136	NO	13.5	N	N	Clear
2/13/51	77.5	2,800,000	685	137	NO	13.6	N	N	Clear
2/14/51	78.0	2,820,000	690	138	NO	13.7	N	N	Clear
2/15/51	78.5	2,840,000	695	139	NO	13.8	N	N	Clear
2/16/51	79.0	2,860,000	700	140	NO	13.9	N	N	Clear
2/17/51	79.5	2,880,000	705	141	NO	14.0	N	N	Clear
2/18/51	80.0	2,900,000	710	142	NO	14.1			

INSPECTIONS OF THE DISTRICT.

No. of premises visited	2139
No. of visits	2276
No. of defects or nuisances discovered	76
No. of defects or nuisances abated	41
No. of notices served - informal	31
No. of notices served - formal	-
Visits.	
Infectious diseases	38
Sewers and sewage disposal works	142
Sewers cleaned etc.	10
Sewage samples taken	22
Drainage works	207
Refuse collections and disposal	181
Water supplies	4
Schools	12
Building Regulations & Town and Country Planning	857
Housing sites	123
Council Houses re repairs	420
Tents, Vans, Sheds	5
Food preparing premises, provision shops etc.	82
Dairies	9
Slaughterhouses and meat inspection	1465
Miscellaneous	57

B. REFUSE COLLECTION AND DISPOSAL.

The Council operate two 20 c.yd. compressor refuse vehicles, and all villages throughout the area enjoy a weekly collection of refuse, although a few outlying farms in the Chipping and Bowland areas remain on a fortnightly collection.

Refuse tips are still in use at Chatburn, Hurst Green, and Thornley, but further tipping facilities are urgently required, and a planning application for use of land at Barrow was approved during 1970.

One tractor, with hydraulic bucket, assists in tip maintenance, but is inadequate to satisfactorily maintain all these tips.

A Bonus Scheme for refuse collection, involving reduction of staff by two men and dispensing with a side loading vehicle, was approved by the Council, and commenced in January 1970.

LITTER.

Every effort is made to ensure adequate display of publicity material, and additional litter baskets have been sited where appropriate. Outlying country areas are becoming increasingly susceptible to the dumping of unwanted household consumer durables, and especially motor cars. The Council remove all unwanted household furniture free of charge, on request, and it is suspected that most of the dumped material is brought from the surrounding urban areas. We are reluctantly allowing motor cars to be disposed of on our tips. The existing scrap value of motor cars presents difficult problems of disposal, and local scrap dealers do not find it economical to handle worn out vehicles.

C. HOUSING.

Sixteen houses were, at the end of 1970, classified as unfit for habitation, one of these being vacant, and two used for storage purposes.

Ten of these properties are in Conservation Areas, and following consultation with the County Planning Authority, any further action has been deferred, although two of these were under improvement at the end of 1970.

IMPROVEMENT GRANTS - HOUSING ACTS, 1949 - 59.

Since the implementation of the Improvement Grants, 123 applications for Discretionary Grants have so far been approved; fifteen schemes which involved sixteen dwellings being approved in 1970.

The policy of the Council is to encourage applications for Discretionary Grants from owners of sub-standard properties capable of repair and improvement, to improve the property by means of an improvement grant. The majority of applications so far received have been in respect of owner occupied houses.

The Council makes a Discretionary Grant towards the improvement of all sub-standard properties, and for the conversion of other buildings into houses, the grant on barns being limited to £750. Other cases are considered on their merits.

There has been continued progress in respect of Standard Grant applications. 21 were approved in 1959, 49 in 1960, 63 in 1961, 44 each in 1962 and 1963, 34 in 1964, 49 in 1965, 36 in 1966, 25 in 1967, 35 each in 1968 and 1969, and 18 in 1970. Since the inception of the scheme, 453 houses of reasonable condition have now been improved with modern amenities by having a hot water supply, separate bathroom, and inside water closet, and the necessary repairs to the property carried out. Houses not having these necessary amenities will, in the foreseeable future, become unfit property. Some 24% of dwellings in the area have had applications approved for grant aid towards the cost of modernisation. It has not been thought necessary to implement any area improvement schemes.

COUNCIL PROPERTIES - (198)

The following is a list of Council owned dwellings :-

Whalley - Station Road/Limefield Avenue.....	10 - 3	bedroom (pre 1939)
Whalley - Green Park.....	22 - 3	"
Whalley - Woodfield View.....	2 - 3	"
Whalley - Manor Road.....	2 - 2	"
Whalley - Riddings Lane.....	18 - 2	"
Whalley - Riddings Lane.....	16 - 1	"
Whalley - Green Bank.....	4 - 2	"
Chatburn - Ribble Lane.....	48 - 3	"
Chatburn - Ribble Lane.....	2 - 3	" (Airey type)
Chipping - Kirklands.....	32 - 3	"
Hurst Green - Bilberry Cottages.....	18 - 3	"
Hurst Green - Bilberry Cottages.....	3 - 1	"
Barrow - Trafford Gardens.....	9 - 3	"
Barrow - Trafford Gardens.....	6 - 2	"
Barrow - Old Row.....	4 - 2	"
Barrow - Clitheroe Road.....	2 - 3	"
<hr/>		
	19 - 1	bedroomed houses
	34 - 2	" "
	145 - 3	" "

The work of investigating complaints is undertaken by the two Public Health Inspectors, and also the ordering of the necessary works required, and its supervision whilst in progress.

During the year, work was commenced on three, one-bedroomed bungalows at Station Road, Whalley.

STATISTICS.

Number of new houses erected during the year :-		Houses	Flats
(i) by the local authority		-	-
(ii) by other local authorities		-	-
(iii) by other bodies or persons		5	-
1. Inspection of dwellinghouses during the year :-			
(1) (a)	Total number of dwellinghouses inspected formally or informally for housing defects (under Public Health & Housing Acts)		59
(b)	Number of inspections, formal or informal, made for the purpose		62
(c)	Number of dwellinghouses found during the year to be not in all respects reasonably fit for human habitation, but capable of being rendered fit.		5
(2)	Total number of dwellinghouses existing at end of year which were unfit for human habitation, and not capable at reasonable expense of being rendered fit, and in respect of which :-		
(a)	Demolition Orders have been made (at any time)		6
(b)	Demolition or Closing Orders have not yet been made		10
2. Houses Demolished :-			
	In clearance areas		nil
	Not in clearance areas		nil
3.	Unfit Houses closed.		nil
4. Unfit houses made fit and houses in which defects were remedied :-			
	After informal action by local authority		1
	Formal notice - sections 9 & 16 Housing Act 1957.		nil
5.	Unfit houses in temporary use (Housing Act 1957) :-		nil
6.	Purchase of houses by agreement :-		nil
7. Housing (Financial Provisions) Act 1958, and Housing Act 1969 :-			
Improvement Grants etc.		No. of dwellinghouses or other buildings affected in schemes of	
Action during year :		Owner occupied	Others Local Authority
(i)	Submitted by private individuals to local authority.	11	9 -
(ii)	Approved by local authority.	7	9 -
(iii)	Submitted by local authority to Ministry.	-	- -
(iv)	Finally approved by Ministry.	-	- -
(v)	Work completed.	6	3 -
(vi)	Additional separate dwellings included in (v) above.	-	- -
(vii)	Other action :- All owners of Class IV and Class V houses have had their attention drawn to the above Acts in the hope that advantage will be taken of improvement grant provisions.		

8. House Purchase and Housing Act, 1959, and Housing Acts, 1961, 1964, and 1969.

Standard Grants :-		No. of dwellings or other buildings affected.	
Action during year :-		Owner occupied	Others
(i) Applications submitted to local authority for improvement to	(a) full standard.	9	9
	(b) reduced standard.	-	-
(ii) Total applications approved by local authority for improvement to	(a) full standard.	9	9
	(b) reduced standard.	-	-
(iii) Work completed.		12	13
9. Housing Act, 1969 - Special Grants.		nil.	

HOUSING CONDITIONS.

Housing conditions generally are reasonably good, but there are scattered throughout the district a number of sub-standard properties, mainly eighteenth century tenanted cottages on a low rental.

The principal defects are those inherent in this particular type of dwelling - dampness, perished plasterwork, natural light deficiency, and lack of modern amenities. There is, fortunately, a demand for cottages in this rural area, and purchasers are prepared to carry out extensive repair and improvement works. This Council actively encourages this trend with the aid of improvement grants.

OVERCROWDING.

"Overcrowding" as to mixed sexes in families, not involving legal overcrowding has been fairly common in two-bedroomed houses, but is gradually being reduced, and is not a significant problem in this area.

D. INSPECTION AND SUPERVISION OF FOOD.

SUPERVISION OF FOOD HYGIENE.

72 routine and special inspections were made of meat, fish, and other food shops under the Food Hygiene Regulations.

Advice was given as necessary and various works of improvement initiated.

These consisted principally of the installation of requisite washing facilities, and of counter and shelf fittings designed to prevent the contamination of food.

ICE CREAM.

Four premises are registered for the manufacture of Ice Cream, and 29 for the sale of Ice Cream.

Eight samples of ice cream were taken during the year, and instructions and advice given to persons engaged in the manufacture, where appropriate.

MILK SUPPLY.

The responsibility for control and supervision of milk production is in the hands of the Ministry of Agriculture, Fisheries and Food, with the local authority responsible only for the public health aspect of milk distribution.

Number of registered distributors operating from :-

- | | |
|--|---|
| (a) dairies in the district | 1 |
| (b) shops in the district other than dairies | 1 |

Samples of milk from supplies produced or retailed in the district were submitted as follows :-

(a) Samples for Biological Examination :-

Total number submitted 52

	Results		
	Positive	Negative	No result
(i) Tuberculosis	-	7	-
(ii) Brucellosis - ring test	10	39	3
(iii) Brucellosis - culture test	6	4	1
(iv) Brucellosis - biological test	4	5	-

(b) Samples for Statutory tests :-

	Result			
	No. of Samples	Satis.	Unsatis.	Void samples.
Raw milk :-				
(i) Methylene Blue Test.	3	3	-	-
Heat treated milk :-				
(i) Methylene Blue Test.	-	-	-	-
(ii) Phosphatase test.	-	-	-	-
(iii) Turbidity test.	-	-	-	-

No antibiotics were detected in the samples submitted.

Brucellosis.

On receipt of a positive ring test the producer is advised to consult his Veterinary Surgeon with a view to individual cow sampling. On receipt of a positive culture a Notice requiring Pasteurisation is served under Regulation 20 of the Milk and Dairies Regulations unless we are satisfied that infected cows have been identified and removed from the premises, and that this has been verified by random bulk negative milk ring tests.

MEAT AND OTHER FOODS.

Table of meat inspected and rejected as unfit for human consumption.

	Cattle (Excluding cows).	Cows	Calves	Sheep and Lambs	Pigs
Number killed and inspected	3,695	304	8	19,259	1,586
<u>All Diseases except Tuberculosis and Cysticerci.</u>					
Whole carcasses condemned	1	7	1	51	6
Carcasses of which some part or organ was condemned.	1,645	271	-	2,085	185
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci.	44.55	91.45	12.50	11.09	12.04
<u>Tuberculosis only.</u>					
Whole carcasses condemned	-	-	-	-	-
Carcasses of which some part or organ was condemned.	-	-	-	-	1
Percentage of the number inspected affected with Tuberculosis.	-	-	-	-	0.06
<u>Cysticercosis.</u>	-	-	-	-	-

There are currently three licensed private slaughterhouses within the district; two small retail slaughterhouses and one wholesale slaughterhouse.

The following table shows the results of the experiments conducted on the 1st, 2nd, 3rd, 4th, 5th, 6th, 7th, 8th, 9th, 10th, 11th, 12th, 13th, 14th, 15th, 16th, 17th, 18th, 19th, 20th, 21st, 22nd, 23rd, 24th, 25th, 26th, 27th, 28th, 29th, 30th, 31st, 32nd, 33rd, 34th, 35th, 36th, 37th, 38th, 39th, 40th, 41st, 42nd, 43rd, 44th, 45th, 46th, 47th, 48th, 49th, 50th, 51st, 52nd, 53rd, 54th, 55th, 56th, 57th, 58th, 59th, 60th, 61st, 62nd, 63rd, 64th, 65th, 66th, 67th, 68th, 69th, 70th, 71st, 72nd, 73rd, 74th, 75th, 76th, 77th, 78th, 79th, 80th, 81st, 82nd, 83rd, 84th, 85th, 86th, 87th, 88th, 89th, 90th, 91st, 92nd, 93rd, 94th, 95th, 96th, 97th, 98th, 99th, 100th.

No. of Experiments	No. of Successes	No. of Failures	No. of Total
1	1	0	1
2	1	1	2
3	1	2	3
4	1	3	4
5	1	4	5
6	1	5	6
7	1	6	7
8	1	7	8
9	1	8	9
10	1	9	10

The results of the experiments show that the probability of success in the first trial is 1/10, and that the probability of success in the second trial is 1/9, and so on. The results of the experiments show that the probability of success in the first trial is 1/10, and that the probability of success in the second trial is 1/9, and so on.

No. of Experiments	No. of Successes	No. of Failures	No. of Total
1	1	0	1
2	1	1	2
3	1	2	3
4	1	3	4
5	1	4	5
6	1	5	6
7	1	6	7
8	1	7	8
9	1	8	9
10	1	9	10

The results of the experiments show that the probability of success in the first trial is 1/10, and that the probability of success in the second trial is 1/9, and so on. The results of the experiments show that the probability of success in the first trial is 1/10, and that the probability of success in the second trial is 1/9, and so on.

One full time Authorised Meat Inspector is employed on meat inspection, and all animals killed were inspected.

In accordance with the provisions of the Meat Inspection (Amendment) Regulations, and following consultations with the trade, fixed hours of slaughter were applied during 1967. Slaughtering on Sundays has now been confined to eight Sundays in twelve months. Slaughtering at night is allowed on three evenings per week. All condemned meat is sprayed with green dye before it is collected by a local tallow refiner.

Poultry Inspection.

- | | |
|--|-------------|
| (i) No. of poultry processing premises within the district at end of 1970. | 1 |
| (ii) No. of visits made to these premises during the year. | 69 |
| (iii) Total No. of birds processed during the year. | 51,000 app. |
| (iv) Types of birds processed - Turkeys, Ducks, Hens, Broilers, Capons. | |
| (v) No. of birds rejected as unfit for human consumption. | 787 |
| (vi) Weight of poultry condemned as unfit for human consumption. | 1,967 lbs. |
| No. of birds inspected during the year. | 17,129 |

GENERAL.

LOCAL LEGISLATION (INCLUDING BYELAWS) IN FORCE IN THE DISTRICT.

Public Health Acts (Amendment) Act 1890. (Applied by R.D.C. (Urban Powers) Order, 1931). Sections 34, 35, 38, 39, 40, 42, 43, 44, 45, 46.

Public Health Act, 1875. (Applied by R.D.C. (Urban Powers) Order, 1931). Sections 26, 157, 158, 160 - part relating to obstructions and projections; 160 - part relating to numbering of houses (applied by R.D.C. (Urban Powers) Orders 1949) 164, 165, and 172.

Public Health Act 1925. Part II - all sections except 21, 22, 24, and 35.

Public Health (Amendment) Act, 1890 - Part IV - Section 51.

Building Regulations 1965.

Food Handling Byelaws under Section 15 of the Food and Drugs Act, 1938.

PUBLIC SWIMMING BATHS.

There are no public swimming baths within the district, the nearest being at Blackburn and Great Harwood.

CHIEF SANITARY REQUIREMENTS OF THE DISTRICT.

Extensions and improvements to Chipping and Whalley Sewage Disposal Works.

The improvement and repair of sub-standard houses in the district.

The reduction of the number of private water supplies, and the purification and protection of the remainder.

Conversion of the few remaining properties with conservancy systems of sewage disposal to the water carriage system, with drainage connections to sewers or to septic tanks.

The purification of the rivers and streams.

In conclusion may I thank the officials and staff for their help during the year, and the Chairman of the Council, and the Chairman and Members of the Health Committee for their continued encouragement and counsel.

H. COCKSHUTT,

Chief Public Health Inspector.



