

Contributors

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ANNUAL + REPORT

OF THE

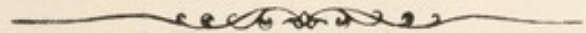
Medical Officer of Health

OF THE

BRENTFORD

URBAN DISTRICT COUNCIL,

1909.



BY

HENRY BOTT, M.R.C.S., L.R.C.P., London,

MEDICAL OFFICER OF HEALTH,

AND

SUPERINTENDENT, ISOLATION HOSPITAL.

THE URBAN DISTRICT COUNCIL
OF BRENTFORD.

SANITARY COMMITTEE,

1908-9.

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The Chairman of the Council.

J. J. DOREY, Esq., J.P.

The Vice-Chairman of the Council.

J. CLEMENTS, Esq.

MESSRS. H. NEWENS, W. H. MILLS, C. E. SAUNDERS

AND

G. LAMB.

Medical Officer of Health

and Superintendent, Isolation Hospital.

HENRY BOTT, M.R.C.S., L.R.C.P., LONDON.

Sanitary, Canal Boat and Petroleum Inspector.

H. COLEMAN, M.S.I.A., C.R.S.I.

Brentford Urban District Council.

ANNUAL REPORT of the MEDICAL OFFICER of HEALTH FOR THE YEAR 1909.

*To the Chairman and Members of the
Brentford Urban District Council*

April 1st, 1910.

GENTLEMEN,

I beg to present my report upon the health and sanitary condition of the Brentford Urban Sanitary District for the year 1909.

POPULATION.

I estimate the population of the whole district at the end of June to be 16,338 and to the several ecclesiastical districts into which it is divided, I allot to St. George's with St. James' 4943, to St. Paul's 9401, and to New Brentford 1994. Thus the population of Old Brentford is 14,344 and New Brentford 1,994.

BIRTHS.

The number of births has been 468, of which 228 were males and 240 females. The birth rate is 28.6 per thousand, which is exactly the same as last year, but 4.2 lower than the average of the last 10 years.

DEATHS.

The number of deaths occurring in Brentford during the year has been 181 of which 95 were males and 86 females. In St. George's 56, in St. Paul's 95, and in New Brentford 30. The death rate in the three districts respectively is St. George's 11.3, St. Paul's 10.1 and New Brentford 15. The Cottage Hospital is in New Brentford where 4 deaths occurred and the Isolation Hospital is in St. George's where 2 deaths took place. The death rate for the whole district is 11 per thousand which is .3 higher than last year which was the lowest on record, but 3.8 lower than the average of the last 10 years. Included in this return are 6 deaths of non-residents viz., 3 who were drowned in the Thames, 2 died on boats on the Grand Junction Canal and one newly born infant found in a railway carriage at Kew Bridge. The correct death rate therefore for residents who died in Brentford is 10.7 the same as last year.

CORRECTED DEATH RATE.

The County Medical Officer has again supplied me with the names and diseases of the inhabitants of Brentford who have died during the year outside the town. As the addresses are sometimes not given it is impossible to tell from which district they came. The total number is 70 who died in the various institutions given below as against 67 in 1908. These when added to the 175 residents who died in the town gives a total of 245 which is I believe a correct account of the number of deaths which Brentford suffered during the year and gives a total death rate of 14.9 per thousand. The first correct return was made in 1905 when it was 17.6, in 1906 it was 17, in 1907 it was 19.2, in 1908 14.9. It will then be seen that both the birth rate and the death rate for 1908 and 1909 are exactly the same.

Brentford Workhouse Infirmary	...	...	...	...	50
Middlesex County Asylum	...	...	...	...	5
Great Ormond Street Hospital	...	...	...	...	3
Richmond Hospital	...	...	...	...	2
West London Hospital	...	...	...	...	4
University Hospital	...	...	...	...	1
St. Bartholomew's Hospital	...	...	...	...	1
Marylebone Infirmary	...	...	...	...	1
London Docks and Grand Junction Canal	...	...	...	...	2
In Battersea	...	...	...	...	1

6 of these deaths were due to senile decay, 14 to tubercular disease, 14 to diseases of respiratory organs, 5 to heart disease and 5 to cancer.

INQUESTS.

25 inquests have been held, being 6 more than last year. Death resulted from heart disease in 6 cases, suffocation 5, drowning 3, falls 3, Syncope 2, aneurysm 2, burns 1, debility 1, apoplexy 1 and convulsions 1.

The following epitomises the ages at which death occurred.

Deaths under 1 year	48	} 77 deaths under 5 years.
„ from 1 to under 5 years	...	...	29
„ „ 5 „ 15 „	7	} 104 deaths over 5 years.
„ „ 15 „ 25 „	...	...	5
„ „ 25 „ 65 „	...	...	49
„ over 65 years	...	...	43

5 of these deaths occurred in persons over 80 and one was over 90 years old.

The next table shows the distribution of mortality of the three districts of the town during the last 10 years.

	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	Average for 10 years.
St. George's ..	10.1	18.9	11.7	13.5	19.2	15.6	14.5	15.7	9.5	11.3	14
St. Paul's ..	17.5	15.4	16.4	11.9	13.2	11.0	12.4	13.5	10.7	10.1	13.2
New Brentford ..	24.3	20.7	20.7	15.8	21.3	19.9	16.4	16.4	13.5	15	18.4

INFANT MORTALITY.

The rate of this mortality or the proportion of deaths under 1 year to every 1000 births is 102.5, which is 18.1 lower than last year, and 44.7 lower than the average of the previous 10 years and by far the lowest ever recorded. In analysing the causes of these deaths I find 7 were due to premature birth, 7 to convulsions, 8 to diseases of the respiratory organs, 5 to diarrhoeal diseases, 5 to weakness from birth, 4 to suffocation, 3 to measles, 2 to tubercle and the remaining 7 to various other causes.

The following table gives the rate and average infant mortality for the last 10 years.

1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	Average for 10 years
138	193.8	176.6	125	161.4	115	140.7	113.6	120.6	102.5	138.7

The following are the deaths from the principal Zymotic diseases.

SMALL POX.—None.

MEASLES.—Ten.

SCARLET FEVER.—One.

WHOOPIING COUGH.—Seven.

DIPHTHERIA AND MEMBRANOUS CROUP.—None.

TYPHUS FEVER.—None.

ENTERIC FEVER.—None.

DIARRHŒA AND ENTERITIS.—10, 6 of which were in infants under 1 year old.

The number of deaths from these 8 zymotic diseases has been 28, and the zymotic death rate is 1.7 per thousand which is .5 higher than last year, but one lower than the average of the last 10 years.

There have been a great number of cases of scarlet fever scattered throughout the district during the greater part of the year. Most of it was of a mild type and very difficult to diagnose as the rash in many cases only appeared for a few hours, and it was only when the children were peeling that they were discovered. In

many instances they were attending school. 114 cases out of 119 notified were treated at the Isolation Hospital thus testifying to the continued popularity of that institution. 17 cases of diphtheria were notified, and 7 were removed to the Isolation Hospital. There were no deaths, so I am happy to think that the disease is recognised by parents earlier than formerly, and Antitoxin, which is still supplied free by the Council to all medical practitioners for use in the district, is used early with such beneficial result. The small number of deaths from diarrhoea must, I think, be attributed to the cool wet summer for I am afraid the same carelessness in feeding infants continues, and should we get a hot dry summer we shall see the mortality greatly increased. I therefore strongly urge mothers to boil the milk as it arrives and keep it in as cool a place as possible, also cleanse the bottle directly after use and keep it in cold water until it is again required. Above all do not feed a baby with the same food as the grown up members of the family have which is a fairly general practice.

	1900	1901	1902	1903	1904	1905	1906	1907	1908	1909	Average for 10 years.
Number of births	500	516	532	536	545	530	476	519	464	468	508.6
Birth rate per 1000 ..	32.6	33.9	34.7	34.8	34.8	33.6	29.9	32.3	28.6	28.6	32.3
Deaths from all causes	244	262	237	200	252	208	216	234	174	175	220.2
Death rate per 1000 ..	15.9	17.2	15.4	12.9	16.1	13.1	13.5	13.9	10.7	10.7	13.9
Deaths from Small Pox	0	0	0	0	0	0	0	0	0	0	0
„ Measles.....	10	7	5	0	26	0	4	12	0	10	7.4
„ Scarlet Fever	1	1	0	0	0	4	7	5	0	1	1.9
„ Whooping Cough	0	7	0	7	3	2	3	8	1	7	3.8
„ Diphtheria ..	7	2	8	3	3	11	12	6	2	0	5.4
„ Typhus Fever	0	0	0	0	0	0	0	0	0	0	0
„ Enteric Fever	1	2	0	1	4	1	1	1	1	0	1.2
„ Diarrhoea	23	38	22	13	34	16	32	1	17	10	20.6
„ 8 Zymotic diseases	42	57	35	24	70	34	59	33	21	28	40.3
Death rate of Zymotic diseases	2.7	3.7	2.2	1.5	4.4	2.1	3.7	2.0	1.2	1.7	2.5

PHTHISIS.

I would once more call your attention to the number of deaths caused by tuberculous diseases. There were 16 deaths in the district and 15 outside, making a total of 31. And I will again

repeat the simple measures which should be taken in all cases where there is a consumptive person in the house

- 1.—Always live and sleep in a room with the windows open.
- 2.—Sleep alone.
- 3.—Expectorate into a pot containing a disinfectant, or into a rag which must be immediately burnt. (The Council supply disinfectants free to the poor).
- 4.—Do not spit on the floor, in the street, or in any public conveyance.

I feel convinced that the compulsory notification of Phthisis by Poor Law Medical Officers has already been of great benefit, and should be glad if all medical men had to adopt the same system as so much can be done by instruction and occasional disinfection to check the ravages of the disease.

INSANITARY PROPERTY.

I have again to report that during the past year a considerable amount of insanitary property has been dealt with under the Housing of the Working Classes Acts 1890 and 1903. The following is a brief record of the houses which have been closed or repaired during the year 1909.

Nos. 8, 10, 12, 14 and 16 Pottery Cottages. These houses were reported upon in December, 1908, and the owner was requested to put the houses into a proper habitable condition. The owner consulted a local Surveyor, and in due course plans were submitted for the reconstruction of the drains, w.c.'s and wash-houses, together with a specification of repairs proposed to be executed. The plans and specification were approved by the Council, but the owner, finding that it would not pay to proceed with the works, gave the tenants notice to quit. In a very short space of time the houses were practically demolished by the children living in the vicinity, and nothing but the outer walls were left standing. The houses are now barricaded up.

Nos. 1, 3, 5, 7, 9, 11, 13, 15, 17 and 19, Crane's Cottages, Brook Road. The attention of the owner was first called to the insanitary condition of this property by the Sanitary Inspector on the 20th March, 1908, when the owner promised to put the houses into a habitable condition. On several occasions the owner was interviewed on the property by myself and your Inspector. Time after time the matter was postponed, and time in which to commence the work was applied for, and granted. In the meantime nothing had been done, and eventually the Council ordered proceedings to be taken against the owner. The case was heard on the 29th April, 1909. The Solicitor acting on behalf of the owner, offered no objection to closing orders, which the Justices granted with £10 10s. costs for the Council.

Nos. 1, 2, 3, 4, 5, 6 and 7, Running Horse Yard. As a result of an inspection with your Inspector, I reported that these houses were unfit for habitation. The owners were communicated with and accompanied by the Inspector visited the property, and being convinced that the houses were in the condition described, gave the tenants notice to quit. The houses are all unoccupied.

Nos. 11, 12, 13, 14, 15, 16, 17 and 18, Running Horse Yard. These houses were reported upon in 1908. The owner was communicated with, and submitted a specification of repairs. This specification was disapproved by the Committee who visited the property. Then the owner submitted an amended specification which was approved, subject to the works being carried out to the satisfaction of your officers. Owing to the unsatisfactory manner in which the works were being carried out I was compelled to report the matter to the Council. The Council ordered proceedings to be taken. The owner offered no opposition and the Justices granted closing orders with costs amounting to £9 1s. 6d.

There are now only three occupied houses in Running Horse Yard out of 25 houses.

Nos. 5, 7, and 9, Market Place. I reported that these houses were unfit for habitation. The committee inspected the property and decided to call upon the owner to put the houses into a habitable condition or to close the houses. The owner adopted the former course. Plans and specifications were submitted to the Council and with certain additions were approved, but nothing has been done to the property. The houses are now unoccupied.

No. 28 Market Place. This house formerly used as a Common Lodging House has been closed by the owners.

Nos. 1, 2, and 3, King's Cottages. Notices were served on the owner to do certain repairs. The owner gave the tenants of Nos. 1 and 2, notice to quit and the houses are now unoccupied.

No. 135 and rear of 136 High Street. The attention of the owner was called to the insanitary condition of these premises, whereupon the tenants had notice to quit. The houses are unoccupied.

Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10, Sussex Place. I reported that these houses were unfit for human habitation and notices under the Housing of the Working Classes Act were served on the owner to put the houses into a habitable condition. The owner submitted plans and specification of repairs and alterations proposed to be executed, and subject to further amendments were approved. The alterations, etc., will be commenced shortly.

Nos. 18, 20 and 22, Pottery Road. These houses have been overhauled and made habitable.

Nos. 14, 16, 18 and 20, Brook Road. These houses have been repaired and made habitable. The works executed, include the erection of four new water closets, (where one w.c. previously existed) and new foul and surface water drains constructed.

DEMOLITION OF INSANITARY PROPERTY.

During the past year, three houses, which were closed by order of the Justices in 1907 have been demolished, viz., Nos. 34, 35 and 38, The Ham.

Notices have been served under the Housing of the Working Classes Act on the owner of Nos. 19, 20, 21, 22, 23, 24 and 25, Running Horse Yard, and No. 25, Walnut Tree Road, to show cause why the houses, which were closed by the Justices in November, 1907, should not be demolished. The notices have not as yet expired.

Representation has been made to the owner of Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9 and 10, Harding's Court, requesting him to demolish the houses, and I have every reason to believe that this will be done shortly.

The Public Health Amendment Act, 1907 has been adopted and the Housing and Town Planning Act comes into force in Jan., 1910 and will make the procedure of closing houses easier, as a magistrates order is not required, the District Council having now power to make the closing order.

If this year's work is taken and read with the report of 1908, it will be seen that the Health Department is still proceeding vigorously with the improvements which were suggested by the Medical Inspector of the Local Government Board. An immense amount of time has been taken and no efforts have been spared both publicly and privately to induce owners of dilapidated cottage property either to put them in habitable repair or close them, and now with more efficient means at the disposal of the Council through the Housing and Town Planning Act I hope that the work will proceed much more rapidly and that I shall continue to receive the support of all the members of the Council. Last year I submitted a plan for the demolition and rebuilding of a large area in St. George's district and although that plan has not been accepted I am glad to say that the worst part of the area is being transformed and that gradually a very much improved property will be set up.

ISOLATION HOSPITAL.

The following table shows the number of cases treated at the Brentford Isolation Hospital during the year 1909.

Under treatment, 31st Dec., 1908.

Scarlet Fever	...	...	1
Diphtheria	...	...	0
Enteric Fever	...	...	0

Cases admitted in 1909.

Scarlet Fever	...	...	114	
Diphtheria	...	...	7	
Enteric Fever	...	...	1	
			<hr/>	122
Total	...	...	...	123

Discharged during 1909.

Scarlet Fever	...	...	105	
Diphtheria	...	...	7	
Enteric Fever	...	...	1	
			<hr/>	113

Died during 1909.

Scarlet Fever	...	...	2	
			<hr/>	2

Under treatment 31st December, 1909.

Scarlet Fever	...	...	8	
			<hr/>	8
Total	...	...	...	123

Two deaths occurred in the Hospital during the year. One of the Staff Nurses contracted Scarlet Fever. One case of Erysipelas was removed to the Workhouse Infirmary.

For some time I have been rather anxious about the work at the Hospital. I am supposed to take in Scarlet Fever, Diphtheria, and Enteric Fever, and the construction of the Hospital makes it very difficult to separate the diseases, and prevent contagion spreading from one disease to another. For instance, a person suffering from Diphtheria might contract Scarlet Fever, as when there are only a few cases of Scarlet Fever in the Hospital I have used an end ward for a case of Diphtheria. The temporary building requires furnishing and several alterations carrying out before it can be used satisfactorily and it would also entail an extra nurse as the present staff could not possibly look after two buildings. I am loath to suggest an extra nurse as when the work is light it seems a needless expense, still I do not like running the slightest risk. No patient has so far contracted any other disease in the Hospital, but it might happen at any time, and I feel sure the Council would not wish me to incur blame in a matter which could be easily remedied. I recommend therefore that a part of the temporary building be got ready immediately for the reception of Diphtheria patients, and until that is done only Scarlet Fever be admitted. The Matron and Nursing Staff have worked with great zeal and success. Many cases have been admitted, several being very small children who have required great skill and attention, and the return cases will compare favourably with any hospital in the kingdom. The Porter carries out all his duties very efficiently and the grounds are always in excellent order.

INFECTIOUS DISEASES (NOTIFICATION) ACT.

Under this Act I have received 156 certificates, being an increase of 67 on the previous year. The following table shows the number of notifications received from Medical Practitioners during the various months of the year.

Month.	Scarlet Fever.	Diphtheria.	Enteric Fever.	Puerperal Fever.	Erysipelas.	Total for month.
January ..	4	5	1	..	3	13
February ..	1	..	..	..	..	1
March	17	..	1	1	2	21
April	13	..	..	..	2	15
May	26	1	..	..	1	28
June	17	1	..	..	..	18
July .. .	5	..	..	..	..	5
August ..	7	4	..	..	..	11
September ..	8	1	..	..	..	9
October ..	9	2	..	..	3	14
November ..	8	2	..	..	3	13
December ..	4	1	..	..	3	8
Totals ..	119	17	2	1	17	156

SCARLET FEVER.

During the year there has been a considerable increase in the number of cases of Scarlet Fever, 119 cases being notified as compared with 42 cases in 1908.

The following table shows the School Incidence.

St. Paul's	...	...	...	17
St. George's	...	...	...	12
St. John's	...	...	...	10
Ealing Road	...	...	...	5
Rothschild	...	...	...	5
St. Lawrence's	...	...	...	5
Boston Road Temporary	...	...	...	2
Private Schools (outside)	...	...	...	2
Schools outside (not private)	...	...	...	5
Private Schools	...	...	...	13
Over School Age	...	...	...	13
Under School age	...	...	...	30
Total	...	...	...	119

DIPHTHERIA AND MEMBRANOUS CROUP.

Seventeen cases were notified during the year, being a decrease of 9 as compared with 1908.

The following table shows the School Incidence.

St. George's	...	...	...	2
Ealing Road	...	...	...	2
St. John's	...	...	...	1
Boston Road Temporary	...	...	...	1
Private Schools (outside)	...	...	...	1
Over School Age	...	...	...	6
Under School age	...	...	...	4
				—
				17

ENTERIC FEVER.

There have been 2 cases of Enteric Fever notified during the year. One patient was removed to the Hospital. Both patients recovered and no extension occurred.

The following table shows the number of cases of Enteric Fever notified during the past seven years.

1903	1904	1905	1906	1907	1908	1909
9	30	6	5	8	2	2

CLOSURE OF SCHOOLS.

It has not been found necessary to close any of the schools on account of epidemic diseases.

I wish again to express my thanks to the Masters and Mistresses of the various public elementary schools for their help in checking the spread of infectious disease. Their vigilance has been required more this year than usual, as so many cases of Scarlet Fever were of such a mild type that they were overlooked until peeling took place. I hope they will continue to assist me for by so doing they frequently enable me to prevent what might otherwise be a serious epidemic.

I desire also to thank Sister Lucas and the Nurses of the Cottage Hospital for the ready response they always give to all cases of disease and poverty. Their zeal and their knowledge is beyond praise and now, after many years of strenuous work, it is possible to compare the town as it is now with what it was formerly, one can only wonder that our mortality, especially amongst children, was not higher than what it was. That our death rate is decreasing and that homes are cleaner is due in some measure to their example.

In conclusion I should like again to bear witness to the capability of Mr. Coleman, your Sanitary Inspector. He has now been appointed over three years and I feel that he is so valuable a servant of the Council that I hope you will recognise his services by giving him as soon as possible a substantial increase in his salary. He is untiring in his work and by his tact and good temper he is able to accomplish quietly what would be impossible to many men in his position. He now possesses a thorough knowledge of the Town and it would be a great loss to the Council if he were compelled to seek a more lucrative appointment. When Mr. Coleman is compared with his immediate predecessor it will be at once noticed how much work has been done with so little friction.

I am, Gentlemen,

Your obedient servant,

H. BOTT,

Medical Officer of Health.

TABLE I.

**Vital Statistics of Whole District during 1909 and
previous years.**

Year.	Population estimated to middle of each year,	Births.		Total Deaths Registered in the District				Total Deaths in Public Institutions in the District	Deaths of Non-Residents Registered in Public Institutions in the District	Deaths of Residents Registered in Public Institutions beyond the district	Nett Deaths at all ages belonging to the District	
		No.	Rate*	Under 1 Year of Age		At all Ages					No.	Rate *
				No.	Rate per 1000 Births registered	No.	Rate *					
1899	15142	497	32.8	93	187.1	297	19.6	No Public Institutions in District				
1900	15478	500	32.6	69	138.0	244	15.9					
1901	15163	516	33.9	100	193.8	262	17.2					
1902	15330	532	34.7	94	176.6	237	15.4					
1903	15474	536	34.6	67	125.0	200	12.9					
1904	15618	545	34.8	88	161.4	252	16.1					
1905	15762	530	33.6	61	115.0	208	13.1			70	278	17.6
1906	15906	476	29.9	67	140.7	216	13.5			55	271	17.0
1907	16050	519	32.3	59	113.6	234	13.9			75	309	19.2
1908	16194	464	28.6	56	120.6	174	10.7		67	241	14.9	
Averages for years 1899-1908	15611	511	32.7	75	147.1	232	14.8					
1909	16338	468	28.6	48	102.5	175	10.7			70	245	14.9

*Calculated per 1000 of estimated Population.

Total population as per census of 1901.—All ages 15163.

Number of inhabited houses, 3035.

Average number of persons per house, 6.

Area of district in acres (exclusive of area covered by water), 1080.

TABLE II.

Vital Statistics of separate Localities in 1909 and previous years.

Names of Localities.	Whole District			
	Population estimated to middle of each year	Births registered.	Deaths at all Ages	Deaths under 1 year
1899	15142	497	297	93
1900	15478	500	244	69
1901	15163	516	262	100
1902	15330	532	237	94
1903	15474	536	200	67
1904	15618	545	252	88
1905	15762	530	278	61
1906	15906	476	271	67
1907	16050	519	309	59
1908	16194	464	241	56
Averages of Years 1899 to 1908	15611	511	259	75
1909	16338	468	245	48

TABLE III.

Cases of Infectious Disease notified during the Year 1909.

Notifiable Disease	Cases notified in Whole District.							Total Cases Notified in Each Locality				No. of Cases Removed to Hospital from Each Locality			
	At all Ages	At Ages—Years						St. Lawrence's or New Brentford	St. Paul's	St. George's	Totals	St. Lawrence's or New Brentford	St. Paul's	St. George's	Total cases removed to Hospital
		Under 1	1 to 5	5 to 15	15 to 25	25 to 65	65 and upwards								
Small-pox ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cholera ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup)	17	1	7	5	2	2	..	2	7	8	17	..	4	3	7
Erysipelas ..	17	1	..	1	..	13	2	..	11	6	17	..	..	1*	1
Scarlet fever ..	119	1	39	68	9	2	..	18	55	46	119	17	51	46	114
Typhus fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever..	2	..	..	..	2	..	..	..	2	..	2	..	1	..	1
Relapsing fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued fever ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal fever	1	..	..	..	..	1	..	..	1	..	1	..	..	..	..
Plague..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	156	3	46	74	13	18	2	20	76	60	156	17	56	50	123

*Removed to Workhouse Infirmary.

Brentford Isolation Hospital, Clayponds Lane, Brentford,

Total available beds 28.

Number of diseases that can be concurrently treated, 2.

TABLE IV.

Causes of, and Ages at, Death during the Year 1909.

Causes of death				Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District						
				All Ages	Under 1 year	1 and under 5	5 and under 15	15 and under 25	25 and under 65	65 and upwards
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..
Measles .. .. .	..	..	..	11	4	7	..	..	..	..
Scarlet Fever ..	..	..	..	1	..	1	..	..	..	..
Whooping Cough ..	..	..	..	7	1	5	1	..	..	..
Diphtheria (including Membranous Croup)	..	..	..	..	..	..	..	..	..	..
Croup .. .. .	..	..	..	..	..	..	..	..	..	..
Fever—										
Typhus .. .. .	..	..	..	..	..	..	..	..	..	..
Enteric .. .. .	..	..	..	..	..	..	..	..	..	..
Other continued ..	..	..	..	..	..	..	..	..	..	..
Epidemic Influenza ..	..	..	..	7	..	..	1	..	2	4
Cholera .. .. .	..	..	..	..	..	..	..	..	..	..
Plague .. .. .	..	..	..	..	..	..	..	..	..	..
Diarrhoea .. .. .	..	..	..	10	7	2	1	..	..	..
Enteritis .. .. .	..	..	..	3	2	..	1	..	..	..
Gastritis .. .. .	..	..	..	..	..	..	..	..	..	..
Puerperal Fever..	..	..	..	..	..	..	..	..	..	..
Erysipelas .. ..	..	..	..	2	1	..	..	..	1	..
Phthisis (Pulmonary Tuberculosis)	..	..	..	25	..	1	..	2	22	..
Other Tuberculous Diseases ..	..	..	..	6	2	2	1	..	..	1
Cancer, Malignant Disease ..	..	..	..	11	..	..	..	..	6	5
Bronchitis .. .. .	..	..	..	28	8	5	..	..	8	7
Pneumonia .. .. .	..	..	..	15	2	5	..	..	4	4
Pleurisy .. .. .	..	..	..	3	..	..	..	..	3	..
Other Diseases of Respiratory Organs	..	..	..	3	..	1	..	..	1	1
Alcoholism—Cirrhosis of Liver	..	..	..	2	2	..	..	..	2	..
Venereal Diseases .. ..	..	..	..	4	2	..	..	..	2	..
Premature Birth .. ..	..	..	..	9	9	..	..	..	..	..
Diseases and Accidents of Parturition	..	..	..	2	2	..	..	..	..	..
Heart Diseases .. ..	..	..	..	22	1	..	1	1	12	7
Accidents .. .. .	..	..	..	12	4	1	..	..	5	2
Suicides .. .. .	..	..	..	..	..	..	..	..	..	..
All other causes..	..	..	..	68	12	2	3	2	16	33
All causes .. .. .	..	..	..	251	57	32	9	5	83	65

TABLE V.

Infantile Mortality during the year 1909.

Deaths from stated causes in weeks and months under one year of age.

Cause of Death.	Under 1 Week	1-2 Weeks	2-3 Weeks	3-4 Weeks	Total under 1 Month	1-2 Months	2-3 Months	3-4 Months	4-5 Months	5-6 Months	6-7 Months	7-8 Months	8-9 Months	9-10 Months	10-11 Months	11-12 Months	Total Deaths under one Year
All causes																	
Certified	7	..	4	..	11	1	3	9	3	2	6	2	3	4	2	1	47
Uncertified	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Common Infectious Diseases—																	
Small-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chicken-pox .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Measles .. ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1	1	3
Scarlet Fever .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diphtheria, including Mem- branous Croup .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Whooping Cough .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Diarrhæal Diseases—																	
Diarrhœa, all forms .. ..	..	..	..	..	..	..	..	1	1	1	1	..	..	1	..	..	4
Enteritis, Muco-enteritis, Gastro-enteritis .. ..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	2
Gastritis, Gastro-intestinal Catarrh .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wasting Diseases—																	
Premature Birth	6	..	1	..	7	..	2	..	..	..	..	..	..	..	..	..	9
Congenital Defects .. ..	..	..	1	..	1	..	..	1	..	..	..	..	..	..	..	..	2
Injury at Birth	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	1
Want of Breast-milk, Starvation .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Atrophy, Debility, Marasmus	1	..	1	..	2	..	..	1	..	..	..	..	..	..	..	..	3
Tuberculous Diseases—																	
Tuberculous Meningitis .. ..	..	..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	2
Tuberculous Peritonitis } Tabes Mesenterica }	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	..	1
Other Tuberculous Diseases .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes—																	
Erysipelas .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	1
Syphilis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	1
Rickets .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Meningitis (<i>not Tuberculous</i>) .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Convulsions .. ..	..	..	1	..	1	..	..	1	..	1	1	1	..	..	..	..	4
Bronchitis .. ..	..	..	..	..	..	1	..	3	1	..	..	1	..	..	..	..	6
Laryngitis .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia .. ..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1	..	2
Suffocation, overlying .. ..	..	..	..	..	..	..	..	3	..	..	1	..	..	..	..	..	4
Other Causes .. ..	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	2
Totals	8	..	4	..	12	1	3	9	3	2	6	2	3	4	2	1	48

Births in the year, legitimate and illegitimate 468

Deaths in the year of legitimate and illegitimate infants .. 48

Deaths from all causes at all ages 245

Population, estimated to middle of 1909 16338

**Annual Report of the Medical Officer of Health for the year
1909, for the Urban District of Brentford, on the Administration
of the Factory and Workshop Act, 1901, in connection with
Factories, Workshops, Workplaces and Homework.**

1.—Inspection of Factories, Workshops and Workplaces.

Including Inspections made by Sanitary Inspector.

Premises. (1)	Number of		
	Inspections (2)	Written Notices (3)	Prosecutions (4)
FACTORIES (Including Factory Laundries)	16	2	Nil
WORKSHOPS (Including Workshop Laundries)	115	10	Nil
Total	131	12	Nil

2.—Defects found in Factories. Workshops and Workplaces.

Particulars.	Number of Defects			Number of Prosecutions.
	Found.	Remedied.	Referred to H.M. Inspect'r	
(1)	(2)	(3)	(4)	(5)
<i>Nuisances under the Public Health Acts:—</i>				
Want of cleanliness	1	1	..	..
Want of ventilation	1	1	1	..
Overcrowding	1	1	..	..
Want of drainage of floors	1	1	..	..
Other Nuisances	3	3	..	..
Sanitary accommodation—				
Insufficient .. .. .	..	..	..	..
Unsuitable or defective	3	3	..	..
Not separate for sexes	1	..	..	..
<i>Offences under the Factory and Workshop Act:—</i>				
Illegal occupation of Underground Bakehouse (s. 101) .. .. .	..	..	..	..
Breach of special sanitary requirements for Bakehouses (ss. 97 to 100)	2	2	..	..
Other Offences (Excluding offences relating to outwork which are included in Part III of this Report) .. .. .	..	..	..	..
Total	13	12	1	..

Section 22, Public Health Acts Amendment Act, 1890, in force.

4.—REGISTERED WORKSHOPS.

Workshops on the Register (s. 131) at the end of the Year.		Number.
(1)		(2)
Important Classes of Workshops, shop as Workshop Bakehouses, may be enumerated here	Workshops	92
	Bakehouses	2
	Ditto Under Ground Above Ground	12
Total number of workshops on Register ..		106

5.—OTHER MATTERS.

Class.	Number
(1)	(2)
MATTERS NOTIFIED TO H.M. INSPECTOR OF FACTORIES:—	
Failure to affix Abstract of the Factory and Workshop Act (s. 133)	6
Action taken in matters referred by H.M. Inspectors as remediable under the Public Health Acts, but not under the Factory and Workshop Act (s. 5)	<div> <div>Notified by H.M. Inspector ..</div> <div>Reports (of action taken) sent to H.M. Inspector.</div> </div>
Other	2
UNDERGROUND BAKEHOUSES (s. 101)	
Certificates granted during the year	None
In use at the end of the year	2

ANNUAL REPORT OF THE SANITARY INSPECTOR

FOR THE YEAR 1909.

PUBLIC HEALTH DEPARTMENT,
CLIFDEN HOUSE,
BRENTFORD,
January, 1910.

To the Chairman and Members of the Brentford Urban District Council.

GENTLEMEN,

I have the honour of submitting to you my THIRD Annual Report, in which is recorded particulars of the work done in connection with the Sanitary Inspection of the District.

INSPECTION OF THE DISTRICT.

During the year a general inspection of the district has been made, in accordance with the General Orders of the Local Government Board, and the nuisances discovered during such inspection have been dealt with in the manner provided by the Public Health Acts and Bye-laws in force.

The total number of inspections made to premises in connection with the work of the Department, was 1765, including visits to Dairies, Cowsheds, Milkshops, Canal Boats, Common Lodging Houses, visits to works in progress, and to houses in which cases of infectious disease have occurred.

It will be noticed that there has been a slight decrease in the number of inspections as compared with last year, but on the other hand there has been a substantial increase in the amount of work accomplished, particularly in matters relating to drainage, housing, etc. As a result of these inspections 204 intimation, and 91 statutory notices were served.

Wherever nuisances were found to exist the necessary notice was served upon the person responsible calling attention to the matter, and pointing out the necessary remedial works. If these notices were not complied with, reports were made to the Sanitary Committee, and the usual Statutory notices were ordered to be served.

The supervision of all works carried out for the abatement of Nuisances has been well maintained, and, while no attempt was made to exercise unreasonable control, the efficient execution of the work was insisted upon. In one instance it was found necessary to institute legal proceedings to procure the abatement of a nuisance arising from the absence of eaves, gutters and downspouts for

carrying off rain water from house roof; in this case, the Justices, in the absence of the defendant, and upon the evidence, made an order for the work to be done and ordered defendant to pay the costs.

The following table shows the number and nature of Nuisances dealt with during the year. These do not include nuisances abated or prevented at the verbal request of your Inspector.

Nature of Nuisance dealt with.						Number
Accumulation of offensive matter removed	...	...	...	...	...	11
Animals so kept as to be a nuisance	...	...	...	...	...	12
Ball intercepting traps fixed	...	...	...	...	...	2
Drains unstopped, cleansed and repaired	...	...	...	...	...	13
„ reconstructed	...	...	...	...	...	49
Downspout disconnected from drains	...	...	...	...	...	51
Dustbins provided	...	...	...	...	...	34
Effective means taken to prevent damp walls	...	...	...	...	...	6
Forecourts cemented	...	...	...	...	...	7
Gutters and downspouts affixed	...	...	...	...	...	12
„ „ repaired	...	...	...	...	...	30
Houses and rooms cleansed	...	...	...	...	...	53
House floor, walls and ceilings repaired	...	...	...	...	...	21
Manure pit provided	...	...	...	...	...	3
New soil pipes erected	...	...	...	...	...	8
Overcrowding	...	...	...	...	...	8
Pedestal w.c.'s fixed	...	...	...	...	...	67
Pans and traps fixed	...	...	...	...	...	8
Roots repaired and rendered watertight	...	...	...	...	...	17
Surface water drain disconnected from foul water drain	...	...	...	...	...	8
Surface water drains provided	...	...	...	...	...	37
Sink waste pipes repaired, provided, or trapped	...	...	...	...	...	13
Sinks provided	...	...	...	...	...	3
Stable floor paved	...	...	...	...	...	1
Smoke nuisances abated	...	...	...	...	...	5
Washhouses demolished	...	...	...	...	...	3
„ reconstructed	...	...	...	...	...	3
Water cisterns cleansed and provided with covers	...	...	...	...	...	9
Water closets abolished	...	...	...	...	...	21
„ „ erected	...	...	...	...	...	24
„ „ repaired, ventilated or cleansed	...	...	...	...	...	23
„ „ flushing cisterns provided	...	...	...	...	...	6
„ „ provided with water	...	...	...	...	...	8
Yard areas paved	...	...	...	...	...	94
„ „ repaired	...	...	...	...	...	5
Miscellaneous	...	...	...	...	...	16
Total						691

N.B.—This total does not include those nuisances existing in houses regarding which notices have been served or action taken under the Housing of the Working Classes Acts.

FOOD INSPECTION.

Frequent inspections have been made of premises and shops where food is prepared or kept for sale; and in twelve instances the food which came under my observation was found to be unwholesome. In eight instances the articles were destroyed with the consent of the owner upon attention being called to the condition of the food; and in four instances application was made before a Justice of the Peace, and an order, in each case, was obtained to destroy the food, so as to prevent it being used in any way for human consumption.

In two instances, relating to the seizure of unsound fish, a fishmonger was ordered to attend before the Committee and was severely reprimanded for having sold, and being in possession of, unsound fish. I am pleased to report that only one summons has been issued during the year, proceedings for which are now pending against a person for having sold unsound food.

The following table shows the amount of food condemned during the year as being unfit for human food, all of which was destroyed by burning at the destructor :

Articles	Quantity
Bananas	250
Pork	15 lbs.
Tomatoes... ..	36 boxes
Potatoes	316 lbs.
Crabs	23
Kippers	61 pairs
Fish	2
Pears	28 lbs.
Cherries, Apricots, Apples and Gooseberries ...	172 lbs.

HOUSE DRAINAGE.

During the year the drains of forty-nine houses and premises have been reconstructed.

The work of reconstructing drains has been carefully supervised, and frequent visits have been made to the premises while such work was in progress. The work involved the laying of 1,496 yards of stoneware pipes, and 224 yards of heavy cast iron pipes, 124 gullies, 33 intercepting traps, 49 pedestal water-closets, 5 soil pipes, 32 fresh air inlet and 35 ventilation shafts were fixed and 79 manholes built. All drains and vent pipes were subjected to the application of the water or air test before being covered up.

In addition to the above, 21 dilapidated water closets have been abolished and 24 new water closets constructed, together with three new washhouses. From the above it will be seen that there has been a considerable increase of work in this direction.

The following is a list of the premises the drains of which have been relaid under my supervision.

Situation of Premises	No. of Houses	Materials used in construction, etc.									Remarks
		Disconnecting and access chambers built	Intercepting traps fixed	Fresh air inlets	Gullies	Ventilation Shafts	Soil pipes fixed	Pedestal w.c.'s fixed	Water-closets demolished	New water-closets erected	
7 & 9, Ealing Rd.	2	2	1	1	1	1	..	2	2	2	..
Butts Lodge ..	1	3	1	1	4	1	1	2	..	..	..
Beaufort House ..	1	3	..	1	11	1	1	2	..	..	Existing inspection chamber used also portion of lead vent pipe.
3, Somerset Rd..	1	3	1	1	5	1	1	2	..	..	..
45—53, Ealing Rd	5	6	5	5	14	5	..	5	5	5	6-inch iron main drain
4 & 6, Enfield Rd	2	4	1	1	4	1	..	2	..	..	..
24, 26, 28, North Rd.	3	3	1	1	6	1	..	3	3	3	..
363, High Street..	1	1	1	1	4	1	..	1	..	..	..
14, 16, 18, 20, Brook Rd.	4	5	2	1	3	1	..	4	1	4	..
13, 15, 17, White-stile Rd.	3	6	3	3	10	3	..	3	..	..	..
18, 20, 22, Pottery Rd.	3	8	3	2	6	4	..	3	..	..	..
14, 15, Eastbourne Rd.	2	2	2	2	6	2	..	2	..	..	..
78, 79, Distillery Rd.	2	4	2	2	5	2	..	2	2	2	..
23, 24, Grosvenor Rd.	2	4	2	2	7	2	..	2	..	..	..
25, 26, „	2	4	2	2	7	2	..	2	..	..	..
55, 56, New Rd..	2	3	1	1	3	1	..	2	..	..	..
2, North Rd. ..	1	1	1	1	2	1	..	1	..	..	..
Elthorne, The Butts	1	3	1	1	5	1	1	2	..	..	..
Smith's, The Ham	1	3	1	1	3	1	1	2	..	..	Iron pipes throughout
56—72, North Rd	9	9	1	1	18	2	..	5	8	8	Stables
129, High Street..	1	2	1	1	2	1	..	..	..	..
	49	79	33	32	126	35	5	49	21	24	

DAIRIES, COWSHEDS and MILK-SHOPS.

The above have been periodically inspected and the regulations enforced.

Fourteen applications for registration as Purveyors of Milk have been made, and two purveyors have ceased carrying on business during the year.

Thirteen persons were found carrying on the business of purveyors without being registered; in two instances persons were requested to discontinue selling milk owing to the premises being unsuitable for the storage of milk.

There are three Cowkeepers on the Register. During the year the Council appointed a Veterinary Inspector to periodically inspect the cows for the purpose of ascertaining if any were suffering from Tubercular Disease of the udder.

At Boston Farm the milking of cows by hand has been dispensed with, and a more scientific method, known as the vacuum process, adopted.

OFFENSIVE TRADES.

The premises whereon offensive trades are carried on have been regularly inspected and kept, as far as the nature of the business will allow, in a clean manner.

The premises in Boar's Head Yard, mentioned in my last report, and which were the subject of legal proceedings, are now closed.

Application was made for permission to establish the business of a rag and bone dealer in Albany Road. The premises were inspected by the Medical Officer of Health and myself and found to be unsuitable for the purpose.

SLAUGHTER-HOUSES.

There are seven slaughter-houses in the district, three of which are subject to annual renewal.

They have been periodically inspected and the bye-laws enforced. In several instances it was found necessary to call attention to the cleansing and lime-washing of these slaughter-houses, and the non-removal of offensive matter.

One registered slaughter-house has been struck off the register, the occupier having no further use for it.

COMMON LODGING-HOUSES.

There are six common lodging-houses on the register as compared with seven last year. Their situations are as follows :—

No.	Situation of Premises	Rooms Registered	Accommodation for
1	Old Spring Gardens	3	12 lodgers
2	"	2	8 "
3	"	2	8 "
4	High Street ...	4	25 "
5	" ...	6	24 "
6	" ...	12	94 "

The above contain 29 rooms for sleeping purposes, and afford accommodation for 171 lodgers nightly.

They have been inspected both by day and night, and kept, as far as possible, in a clean condition. I am pleased to report that no cases of infectious disease have been notified at, or traced to, any of these houses.

Three of the houses have been overhauled and the ventilation improved. One house, situate in the Market Place, has been closed during the year, consequent upon the death of the keeper.

BAKEHOUSES.

There are fourteen bakehouses on the register. They have all been inspected during the year. In five instances it was found necessary to request the occupiers to have the walls and ceilings limewashed in accordance with the Special Regulations governing Bakehouses.

The approach to one bakehouse has been concreted, the ventilation improved, and other minor works carried out.

Two complaints were received from H.M. Inspector of Factories, both of which were attended to.

PROSECUTIONS.

Twenty-three summonses were taken out during the year, chiefly in connection with the Housing of the Working Classes Act. Other prosecutions were ordered, but proceedings were stayed as the nuisances were abated, or the work required to be done was put in hand after intimation of intended proceedings had been given to the persons concerned.

The following particulars are extracted from the Register of Prosecutions :

Date of Hearing	Nature of Offence	Act under which proceedings were taken	Result
April 29	House, No. 1, Brook Rd., unfit for human habitation	Housing of the Working Classes Act, 1903	Order made to close each house, with £10 10s. costs
"	No. 2, Brook Rd.	"	
"	No. 3, ditto	"	
"	No. 4, ditto	"	
"	No. 5, ditto	"	
"	No. 6, ditto	"	
"	No. 7, ditto	"	
"	No. 8, ditto	"	
"	No. 9, ditto	"	
"	No. 10, ditto	"	
May 20	No. 11, Running Horse Yard	"	Order made to close each house, with £9 1s. 6d. costs
"	No. 12, ditto	"	
"	No. 13, ditto	"	
"	No. 14, ditto	"	
"	No. 15, ditto	"	
"	No. 16, ditto	"	
"	No. 17, ditto	"	
"	No. 18, ditto	"	
June 29	Failing to notify case of Scarlet Fever	Infectious Disease (Notification) Act	Fined 10s.
Dec. 21	Failing to comply with notice to provide eaves gutter to house	Public Health Acts Amendment Act, 1907	Order made to abate nuisance and to pay £1 9s. 6d. costs

SUMMARY OF PROCEEDINGS.

Year	Summonses issued	Penalties Imposed		Totals
		Fines	Costs	
		£ s. d.	£ s. d.	£ s. d.
1907	24	6 10 0	19 11 0	26 1 0
1908	18	3 10 0	24 2 0	27 12 0
1909	23	0 10 0	21 1 0	21 11 0
		10 10 0	64 14 0	75 4 0

CANAL BOATS.

During the year 32 canal boats have been inspected. I am pleased to report that the condition of the boats and their occupants was satisfactory. The infringements of the Acts and Regulations detected were few and not of a serious nature. They were as follows :

Boats not registered in accordance with the Act	...	1
No water vessel ...	...	2
Insufficient ventilation ...	...	1

No legal proceedings have been taken in respect of any infringement, although in one case the Council authorised proceedings, but, acting on the advice of the Clerk, no further steps were taken, for the reason that the offence complained of was not defined as an offence by the Act whereby the owner had incurred a penalty.

One complaint note was issued, and two complaint notes have been returned to me signed by some duly appointed canal boat officer. Likewise I have signed seven complaint notes issued by various Sanitary Authorities.

There are 313 canal boats on the register, one having been registered during the year.

INFECTIOUS DISEASES AND DISINFECTION.

During the year 156 cases of infectious diseases have been investigated and reported upon to the Medical Officer of Health.

Nature of Disease	Investigated			Removed to Hospital		
	1907	1908	1909	1907	1908	1909
Small Pox	1	..	..	1	..	..
Diphtheria	52	26	17	23	8	7
Enteric or Typhoid Fever	3	2	2	2	..	..
Erysipelas	14	18	17	..	..	1*
Scarlet Fever	105	42	119	96	39	114
Typhus Fever .. ..	..	..	..	..	..	..
Puerperal Fever.. ..	..	1	1	..	1*	1
Totals	175	89	156	112	48	123

* Removed to the Isleworth Infirmary.

One hundred and fifteen rooms have been disinfected upon the removal, recovery, or death of a patient, and all bedding and articles likely to retain infection were removed to the hospital for steam disinfection. Thirty-two rooms of infected houses were stripped and cleansed as required by section 5 of the Infectious Diseases (Prevention) Act, 1890.

I regret to record that it was found necessary to institute legal proceedings against a person for failing to notify the Medical Officer of Health that his child was suffering from Scarlet Fever. The defendant was convicted and fined 10s.

Reference to Table 1 shows the precautions taken in order to prevent the spread of disease.

PETROLEUM ACTS, 1871 TO 1881, AND ORDERS IN COUNCIL.

Since taking over the duties of Petroleum Inspector, I have inspected all the Stores and Motor Garages proposed to be licensed for the storage of Petroleum Spirit.

Ten licenses are now in force, covering 1850 gallons of Petroleum Spirit. Two persons have discontinued keeping Petroleum and Carbide of Calcium.

Eleven samples of Paraffin Oil have been taken and tested, all of which were found to be considerably above the flash point, viz., 73° Fahr. (Abel test).

In conclusion, I desire to express my appreciation of the support which has been extended to me by the Council in my efforts to carry out the oft times difficult and dangerous duties imposed by the Public Health Acts.

I am, Gentlemen,

Your obedient Servant,

H. COLEMAN,

*Sanitary, Petroleum and
Canal Boat Officer.*

TABLE I.

PRECAUTIONS TAKEN AGAINST INFECTIOUS DISEASE.

Number of cases investigated and reported upon ...	...	...	...	156
„ <i>re</i> visits to infected houses ...	...	...	...	122
„ rooms disinfected ...	...	...	...	115
„ wards „ ...	...	...	...	1
„ cabs „ ...	...	...	...	1
„ library books disinfected ...	...	...	...	10
„ Reports sent to Head Masters and Mistresses ...	...	...	...	87
„ „ School Attendance Officer ...	...	...	...	78
„ „ „ „ Chiswick ...	...	...	...	2
„ „ Librarian ...	...	...	...	10
„ proceedings under Infectious Diseases Notifica- tion Act ...	...	...	...	1
„ convictions ...	...	...	...	1

STEAM DISINFECTION.

The following articles were removed from infected houses to the Isolation Hospital and subjected to steam disinfection :

Number of beds and mattresses	...	...	...	119
„ pillows ...	...	...	...	193
„ bolsters ...	...	...	...	105
„ blankets ...	...	...	...	234
„ sheets ...	...	...	...	184
„ quilts, counterpanes, etc..	...	...	...	163
„ other articles ...	...	...	...	450
Total ...				1448

TABLE II.

Table showing number of cases of Infectious Disease notified in various Streets in the URBAN DISTRICT OF BRENTFORD during the year 1909—alphabetically arranged.

Road, Street or Place	Scarlet Fever	Diphtheria	Erysipelas	Enteric Fever	Puerperal Fever
Albany Road.. ..	5	..	..	..	..
Brook Road	6	..	2	..	..
Boston Road.. ..	4	1	..	..	..
Braemar Road	1	..	1	..	..
Bangor Road.. ..	2	..	..	..	..
Boston Park Road ..	1	..	..	..	..
Catherine Wheel Yard..	1	..	..	..	..
Church Alley.. ..	2	..	..	..	..
Clifden Road.. ..	1	..	..	..	..
Clayponds Lane	1	..	..	..	..
Cressage Road	5	..	..	..	..
Distillery Road	1	1	..	..	..
Ealing Road	10	1	..	..	..
Eastbourne Road .. ..	..	1	1	..	..
Enfield Road.. ..	3	..	1	..	..
Ferry Lane	1	..	..	..	..
Grosvenor Road	2	2	..	..	..
Green Dragon Lane ..	9	..	1	..	..
Gunnersbury Lane ..	1	..	..	..	..
Goat Wharf .. ..	..	..	1	..	..
Hamilton Road	5	..	..	..	..
High Street	15	4	2	..	..
Kenley Road.. ..	3	..	..	..	..
Lateward Road .. ..	..	..	..	1	..
New Road .. ..	..	..	1	..	..
Netley Road West ..	4	..	..	..	..
Netley Road East.. ..	..	..	2	..	..
North Road	5	6	1	..	..
Orchard Road	3	..	..	..	..
Paradise Place .. ..	..	..	1	..	..
Providence Place	1	..	..	..	..
Pottery Road.. ..	..	..	1	..	..
Running Horse Yard ..	2	..	..	..	..
Red Lion Yard	2	..	..	..	..
Ram Alley	1	..	..	..	..
Sarnage Road West ..	3	..	..	..	..
Sarnage Road East ..	3	..	..	..	..
Somerset Road	1	..	..	..	..
Sussex Place	1	..	..	..	..
The Butts	3	1	..	..	..
Town Meadow	5	..	..	..	..
Thames Row .. ..	..	..	1	..	..
Windmill Road	1	..	..	1	1
Walnut Tree Road ..	3	..	..	..	..
Whitestile Road	2	..	1	..	..
Totals	119	17	17	2	1

