

REGISTERED COWKEEPERS IN THE DISTRICT

DURING THE YEAR 1912.

No.	Name of Cowkeepers.	Situation of Cowsheds.
1	Cherritt, Edwin	North Weylands Farm, Hersham ...
2	Dale, Mrs.	Crown Farm, Walton
3	Dale, Harvey	Fishmore Farm, Walton
4	Moreing, Charles Algernon ...	South Weylands Farm, Hersham ...
5	Falcher, William Frank ...	Oatlands Dairy Farm, Oatlands Park ...
6	Trigg, Jesse	Ashley Park Farm, Walton
7	Ugnow, Phyllis	Terrace Road, Walton
8	Merrick, Edward	New Farm, Manor Road, Walton
9	Winchcomb, Walter Charles ...	Longmore Farm, Esher Road, Hersham ...

WEYBRIDGE URBAN DISTRICT

SANITARY COMMITTEE, 1912.

DR. E. GARDNER (*Chairman*).

Mr. E. SQUIRE, J.P. (*Chairman of Council*).

„ H. P. BASSETT.

„ J. BROOKER.

„ W. C. BOWYER.

„ R. H. CHILLCOTT.

* „ T. M. FAVELL, C.C.

„ G. LEE.

„ W. T. MANN.

„ W. REED.

* „ J. KEMP-WELCH, J.P.

„ J. WILTSHIRE.

* *Members of the Joint Hospital Committee.*

Surveyor and Sanitary Inspector Mr. J. S. CRAWSHAW.

NUMBER OF DEATHS AND DEATH RATE.

There were 49 deaths in the District, 3 of which were deaths of non-residents. 10 deaths of residents registered in other Districts were transferred to Weybridge.

The number of nett deaths at all ages was 56.

The estimated population of the District was 6417 and on this basis the Death Rate for the year was 8.7 per 1000, the most favourable rate that has been recorded since 1906.

In 1911 the Death Rate was 9.1 per 1000 and the average of the years 1907-1911 was 9.2.

There was only one death from Phthisis as compared with 6 deaths from that disease in 1911, 2 in 1910 and 9 in 1909.

4 deaths occurred from Cancer as against 7, 5 and 4 in the three years immediately preceding.

During the past 10 years there have been 40 deaths from Cancer in the District.

Exactly 50 per cent. of the total number of deaths occurred at the age period of 65 years and upwards.

NUMBER OF BIRTHS AND BIRTH RATE.

86 Births were registered in the District: 4 of this number were illegitimate. 4 Births were transferred to the District and one of these was illegitimate.

Weybridge Urban District.

In 1911, 1910 and 1909 the number of illegitimate births was 3, 5 and 3 respectively.

The total number of Nett Births for the year was 90.

The District again breaks record in the matter of a low Birth Rate as last year the Birth Rate was only 14.0 per 1000. In 1892 the Death Rate was 0.2 per 1000 higher.

In 1911 the Birth Rate was 17.2 per 1000 and the average rate during the 5 year period 1907-1911 was 16.0 per 1000.

INFANT MORTALITY.

There were 6 deaths of Infants under one year of age. This is equivalent to a rate of Infant Mortality of 66.6 per 1000 births.

In 1911 the corresponding rate was 82.5.

The average yearly rate during 1907-1911 was 70.8.

4 of the 6 infantile deaths were due to prematurity. 2 of these deaths occurred 24 hours after birth.

The following figures show the percentage of deaths under one year to deaths from all causes during the past 5 years:—

1908	...	...	17.7	1910	...	...	8.5
1909	...	...	3.4	1911	...	...	15.5
		1912	...	...			10.7.

ZYMOTIC DEATH RATE.

The Zymotic Death Rate could not be more satisfactory than it was last year, when a "nil" rate was recorded.

The following Table shows the number of deaths and the death rate during the past 11 years:—

Years.	Small Pox.	Measles.	Scarlet Fever	Diphtheria.	Whooping Cough.	Continued Fevers.			Diarrhoea.	TOTAL.	
						Typhus.	Enteric or Typhoid	Other Kinds.		Number.	Rate per 1000 of Population.
1902		3			2					5	0.91
1903					1				1	2	0.36
1904		2	1				1		1	5	0.88
1905		3	1		3					7	1.2
1906			1	2						3	0.51
1907				3	1		1			5	0.84
1908					2				2	4	0.66
1909										0	0.0
1910			2				1			3	0.48
1911			1						4	5	0.79
1912											0.0

INFECTIOUS DISEASE.

The Report on Infectious Disease is necessarily, and fortunately, very brief, as there is hardly any matter for comment beyond the remarkable freedom the District enjoyed during the past year from such disease.

Weybridge Urban District.

There were only 10 cases notified. 5 of those were cases of Pulmonary Tuberculosis.

The attack rate for the year was 1.5 per 1000. In the preceding 3 years the attack rates were 2.8, 6.2 and 8.8 per 1000.

The following Table shows the number of cases of Scarlet Fever, Diphtheria and Enteric Fever notified during the past 10 years, the number of cases of Pulmonary Tuberculosis notified since 1908, together with the total yearly number of all notifiable Infectious Diseases :—

Year.	Scarlet Fever,	Diphtheria.	Enteric Fever.	Phthisis.	All Infectious Diseases.
1903	14	4	2	—	23
1904	22	12	4	—	38
1905	12	0	6	—	20
1906	10	8	0	—	19
1907	41	26	1	—	71
1908	10	16	2	1	29
1909	33	16	1	2	54
1910	27	10	1	1	39
1911	9	5	2	1	18
1912	3	0	0	5	10

SCARLET FEVER.

Three cases were notified from 2 houses.

The first case was notified on April 2nd and occurred in a house in Thames Street in which there had been another case 5 years previously.

Weybridge Urban District.

The other cases were of two brothers who were first ill on May 27th, when it was thought the disease from which they were suffering was German Measles. Owing to the character of the desquamation which subsequently appeared they were notified on June 11th as suffering from Scarlet Fever.

The three cases were treated at home.

DIPHTHERIA.

There were no notifications.

ENTERIC FEVER.

There were no notifications.

ERYSIPELAS.

One case was notified in August.

PUERPERAL FEVER.

One case was notified. This was of a woman who had been attended at confinement by a local midwife who failed to send for medical assistance when such assistance was urgently needed. The patient was eventually removed to the Cottage Hospital, but the disease proved fatal and the death was the subject of a Coroner's Inquest. The midwife who attended the case had been previously reported to the County Council as incompetent and illiterate.

She has been suspended from practice and her case has been reported to the Central Midwives Board.

In March a death occurred at the Cottage Hospital and was registered as due to premature labour, Septicæmia and Cardiac Failure.

Weybridge Urban District.

The case should properly have been notified as one of Puerperal Fever. The death has been entered in Table III. as due to that disease.

ACUTE POLIOMYELITIS AND CEREBRO-SPINAL FEVER.

These diseases were added to the list of notifiable Infectious Diseases by a Special Resolution of the Council which was approved by the Local Government Board. The Council decided to make the diseases notifiable for a period of 5 years. Later in the year the Local Government Board issued a General Order which applies to the whole of England and Wales and adds acute Poliomyelitis and Cerebro Spinal Fever to the list of notifiable infectious diseases.

There is no time limit in the Order.

No notifications of either of these diseases were received.

PULMONARY TUBERCULOSIS.

There were 5 notifications of Pulmonary Tuberculosis. One case was that of a visitor to Weybridge who left the District shortly after notification.

In another case the patient notified had only lived in the District for a few weeks. His case was notified in April and on inquiry it was ascertained that his illness had dated from 1907. In November his wife was taken ill and on examination it was found that she was suffering from the same disease.

One of the patients is insured under the National Insurance Act.

Three of the cases notified have had Institutional treatment.

Weybridge Urban District.

One death was registered as due to Phthisis but in this instance a definite diagnosis of Pulmonary Tuberculosis had not been made during life and the case was consequently not notified, although the facts of the case were reported as soon as the cause of death had been ascertained.

Four cases were under observation at the beginning of the present year.

OTHER INFECTIOUS DISEASES.

There had been an epidemic of Mumps in Weybridge in December 1911, and at the re-opening of S. James' School in January it was found that so many children were still affected by the disease that School Closure was advised for a week from January 8th to January 15th.

German Measles had been very prevalent in neighbouring Districts during the early part of the year, and the disease appeared among Weybridge children towards the end of April. The incidence of the disease was most marked among the children in the Girls' Department of S. James' School, and that Department was closed from May 10th to May 25th. but 10 days after the girls' school had been closed it was found that the disease was making itself so marked among the boys and infants as to necessitate the closure of those Departments.

S. Charles' School was also closed on account of German Measles.

During the last quarter of the year cases of Chicken Pox were reported from S. James' School.

The Infants' School was principally affected. but it was not considered necessary to advise School Closure.

COWSHEDS AND DAIRIES.

Quarterly examinations of Milch Cows belonging to registered Cowkeepers in the District were made by Mr. A. Payne, F.R.V.C.S., Veterinary Inspector to the Council.

74 cows were examined at each of the first two inspections, 67 at the third and 75 at the fourth inspection. 56 new cows were introduced into the milking herds during the year.

At the first inspection two cows on one of the farms were found to be suffering from disease of the udder. They were quarantined and kept under observation until one went dry and the other was disposed of.

Two cows were reported in October as suffering from disease of the udder which was not considered of a tubercular nature. At the time of examination these cows were not yielding milk.

The general condition and cleanliness of the cattle were stated to be good throughout the year at two of the farms. At the third farm the cleanliness of the cows was described as only fair on the occasion of the last quarterly examination ; for the rest of the year it was good.

HOUSING OF THE WORKING CLASSES.

150 inspections were made under Section 17 of the Housing and Town Planning Act.

6 houses were inspected in Station Road, 11 in Chestnut Lane, 13 in Brooklands Lane, 5 in New Road, 9 in Grove Place, 8 in Glencoe Road, 29 in Church Walk, 19 in Thames Street, 9 in Elm Grove Road, 9 in Gascoigne Road, 21 in Jessamy Road, 3 in Radnor Road, 3 in High Street and 5 in Dorchester Road.

Weybridge Urban District.

Only two cases of overcrowding were met with and these were abated on receipt of preliminary Notices.

	Average rent.
5 houses consisted of living room and one bedroom...	... 4/-
1 house " " " " " two bedrooms	... 6/6
7 houses " " " " parlour and one bedroom	... 5/3½
63 " " " " " " two bedrooms...	6/6
74 " " " " " " three "	... 8/8

In 1911 26 four roomed cottages and 84 five roomed cottages were inspected. The average weekly rent per room of the former was 1/7 and of the latter 1/7½. The corresponding rents in the cottages examined last year were 1/7½ and 1/8¾. 49 of the houses examined were without pantry or larder. The main defects in the premises examined were found to consist of dirty walls and ceilings, defective roofs and want of or defective paving of yards.

2 Statutory Notices were issued with respect to the cleansing of walls and ceilings, and the necessary work was carried out.

No representations were made.

A house in respect of which a Closing Order was made in 1911 has been rendered fit for habitation in accordance with the requirements of the Council.

The following is a Summary of the works carried out in accordance with preliminary notices served by the Sanitary Inspector :—

Walls and ceilings cleaned	...	...	...	...	...	80
Roofs repaired	...	...	...	...	...	60
Yards repaired and paved	...	...	...	...	...	29
Floors repaired	...	...	...	...	...	7
Damp walls rendered dry	...	...	...	...	...	8
Walls repaired	...	...	...	...	...	9
Drainage defects remedied	...	...	...	...	...	9
Dust bins provided	...	...	...	...	...	7

WATER SUPPLY.

The Water Supply for the Urban Districts of Chertsey, Walton-on-Thames and Weybridge, and for the Parish of Byfleet, in the Chertsey Rural District, is for the most part obtained from the West Surrey Water Company, whose works are situated on the banks of the Thames, the intake being obtained from that river at a point in the Walton District a short distance above the Walton Bridge.

The Councils of the Districts above - named have made an arrangement with DR. RIDEAL for a complete analysis of the water, samples of which are obtained every month from one or other of the Districts.

Under this arrangement samples were taken and submitted to Dr. Rideal for analysis in January, May and September from Weybridge ; in February, June and October from Chertsey ; in March, July and November from Walton ; and in April, August and December from Byfleet.

In former years a tabulated statement has been issued showing the results of the Monthly Chemical Analysis. A similar statement has been made out for the past year with respect to the results of the bacteriological examinations.

The following is a tabulated Statement of the results of the Analyses made during the year:—

CHEMICAL ANALYSIS IN PARTS PER 100,000.

	January	February	March	April	May	June	July	Aug.	Sept.	October	Novem.	Decemb.
Total Solids ...	31.08	26.16	28.16	26.08	26.76	26.24	24.04	25.24	20.76	30.48	29.52	29.76
Chlorine ...	1.6	1.5	1.56	1.3	1.3	1.5	1.68	1.45	1.4	1.5	1.6	1.6
Free Ammonia ...	0.0018	0.0025	0.0008	nil	trace	0.0008	0.0005	nil	0.001	0.001	0.0015	0.0005
Albuminoid Ammonia	0.011	0.0091	0.0103	0.0095	0.007	0.0145	0.0045	0.0055	0.0077	0.0065	0.0069	0.009
Nitrates (as Nitrogen)...	0.092	0.320	0.2	0.2	0.24	0.12	0.148	0.12	0.13	0.125	0.2	0.2
Nitrites ..	nil	trace	very faint trace	nil	nil	nil	nil	nil	nil	nil	nil	nil
Oxygen consumed ...	0.224	0.240	0.243	0.189	0.199	0.109	0.080	0.058	0.115	0.061	0.138	0.253

RESULTS OF BACTERIOLOGICAL EXAMINATION.

	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.
Number of micro-organisms per C.C. at 20° C.	13	13	65	3	21	28	16	12	12	249	11	15
Number of micro-organisms per C.C. at 20° C. rapidly liquefying	less than 1	1	2	less than 1	1	1	less than 1	less than 1	less than 1	less than 1	less than 1	less than 1
Number of micro-organisms per C.C. at 37.°5C.	4	3	5	3	25	1	5	2	2	numerous	2	5
<i>Coli</i> organisms.	absent from 40 C.C.	absent from 40 C.C.	present in 40 C.C.	absent from 40 C.C.	absent from 40 C.C.	absent from 40 C.C.	absent from 40 C.C.	present in 2 C.C.	absent from 40 C.C.	absent from 40 C.C.	present in 20 C.C.	absent from 40 C.C.
Spores of <i>b. enteritidis</i> sporogenes.	absent from 100 C.C.		absent from 100 C.C.	absent from 100 C.C.	absent from 100 C.C.							

Weybridge Urban District.

The result of the Chemical Analyses and the Bacteriological Examinations were satisfactory. The latter were especially good. The only occasion on which the number of micro-organisms exceeded 100 c.c. was in October, and the number then found can be accounted for by the fact that the bottle sent for collecting the sample was broken in transit and a non-sterile bottle was used in its place.

Excluding the October results, the number of micro-organisms per c.c. averaged only 18, as compared with 46 per c.c. in the previous year.

Coli organisms were present on three occasions.

They were not associated with Spores of *Bacillus Enteritidis Sporogenes*. The *Bacillus Coli Communis* was not reported as found in any one of the samples.

The following figures show the average amount of total solids, Albuminoid Ammonia and Nitrates present in parts per 100,000 of the samples analysed since 1905 :—

Year.	Average Total Solids.	Average Albuminoid Ammonia.	Average Nitrates.
1905	29.8	0.0058	0.22
1906	29.7	0.0082	0.25
1907	30.37	0.0103	0.245
1908	28.26	0.0059	0.12
1909	28.58	0.007	0.013
1910	28.86	0.0062	0.12
1911	27.7	0.0075	0.127
1912	27.02	0.0076	0.0174

RAINFALL.

	Inches.		Inches.
January ...	3.21	July ...	1.34
February ...	1.75	August ...	4.15
March ...	2.64	September ...	2.66
April ...	0.06	October ...	2.45
May ...	1.36	November ...	1.87
June ...	1.76	December ...	3.02
Total ...	...	...	26.27 inches.

PUBLIC BATHING PLACE.

The following particulars with respect to the Council's Bathing Place on the River Thames has been supplied by Mr. J. Crawshaw, Surveyor to the Council.

The Bathing Place was open on 118 days to men and the average number of Bathers per day was 28.66. It was open on 64 days to women and the average number of Bathers was 22.48.

The total number of Bathers was as follows:—males 3382, females 1439.

			Average temperature of air at 6.30 a.m. Deg. F.	Average temperature of river water at 6.30 a.m. Deg. F.
June	...	...	60	60
July	...	...	69	71
August	...	...	60	62
September	...	...	54	54

The highest water temperature was experienced on July 15th, 16th and 17th, when it was 75° F. which is 5 degrees more than the highest temperature recorded in 1911.

NEW STREETS AND BUILDINGS.

13 Plans of New Buildings and 15 Plans of Additions to Buildings were submitted for approval under the Bye laws making a total of 28 as compared with 23, 19 and 29 in three preceding years.

6 houses have been erected on the St. George's Hills Building Estate of which there are about 90 acres within the Weybridge District. The houses erected are of a high class residential character, each one standing in grounds of an acre or more.

ANNUAL REPORT

OF THE

SANITARY INSPECTOR,

FOR THE YEAR ENDING DECEMBER 31st, 1912.

No. of Complaints received in writing	...	...	...	8
„ Premises inspected exclusive of those inspected under the Housing and Town Planning Act	...	...	...	57
„ Premises where nuisances were found	...	...	...	38
„ Cases where food (fish) was found unfit for human consumption	...	...	...	5
No. of Premises at which nuisances were remedied without being reported	...	...	...	8
„ Statutory Notices served by Order of Council	...	...	...	2
„ Premises at which cesspools and privies were cleansed by Council	...	...	...	1
„ Loads of deposit removed from same	...	...	...	48
„ „ „ House refuse removed	...	...	...	3200
„ accumulations of manure	...	...	...	1
„ „ Trade refuse	...	...	...	1

Particulars of Work done by Owners or Occupiers for Abatement of Nuisances, in most Cases after Service of Notices—

No. of Premises at which the drains were reconstructed, repaired, ventilated, trapped, or disconnected from house-pipes	}	}	19
„ Premises at which water closets were ventilated, provided with water, or otherwise improved	...	...	14
„ Premises at which new drains were provided	...	...	3
„ Premises from which animals improperly kept were removed	...	...	0
„ Premises at which fowls were so kept as to be a nuisance	...	...	1
No. of Damp, foul or otherwise, unwholesome houses at which the roofs were repaired, means of ventilation provided, damp proof courses inserted eaves' gutters and R.W.P.'s repaired or provided, walls & ceilings cleansed, or other steps taken to improve their condition	}	}	19
„ Houses at which the paving of the yards was repaired or otherwise improved	...	...	6
„ Premises at which new receptacles for house refuse were provided	...	...	12
„ Houses from which offensive accumulations were removed	...	...	1

Weybridge Urban District.**FACTORIES, WORKSHOPS AND WORKPLACES.****(1) INSPECTION.***(Including Inspections made by the Sanitary Inspector).*

Premises.		Number of Inspections.	Number of Written Notices.
Factories (including Factory Laundries) ...		25	12
Workshops ...		72	10
Total ...		97	22

(2) DEFECTS FOUND.

Particulars.		Number found.	Number remedied.
Want of cleanliness ...		3	3
Other nuisances ...		3	3
Insufficient sanitary accommodation ...		3	3
Sanitary accommodation, defective ...		4	4
Breach of special sanitary requirements for bakehouses ...		2	2
Total ...		15	15

(3) HOME WORK.

Making of Wearing Apparel—			
Lists received from employers ...			2
As to Outworkers (Workmen) ...			6
Notice served as to sending lists ...			1

(4) REGISTERED WORKSHOPS.

Bakehouses ...		5
Dressmaking, Millinery ...		17
Laundries ...		6
Other workshops ...		55
Total ...		83

(5) OTHER MATTERS.

Action taken in matters notified by H.M. Inspector ...		2
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TABLE I.

Vital Statistics of Whole District during 1912 and previous Years.

WEYBRIDGE URBAN DISTRICT.

YEAR.	Populat- ion esti- mated to Middle of each Year.	BIRTHS.			TOTAL DEATHS REGISTERED IN THE DISTRICT.		TRANSFERABLE DEATHS.		NETT DEATHS BELONGING TO THE DISTRICT.			
		Un- cor- rected Num- ber.	Nett		Num- ber.	Rate.	of Non- residents register- ed in the District.	of Resi- dents not reg- istered in the District.	Under 1 Year of Age.		At all Ages.	
			Num- ber.	Rate.					Num- ber.	Rate per 1,000 Nett Births.	Num- ber	Rate.
1	2	3	4	5	6	7	8	9	10	11	12	13
1907	5907	103		17.4	53	8.9	0	7	10	97	60	10.1
1908	6006	104		17.3	53	8.8	0	9	11	105.7	62	10.3
1909	6106	91		14.9	51	8.3	1	8	2	21.9	58	9.4
1910	6208	85		13.6	42	6.7	1	6	4	47	47	7.5
1911	6312	106	109	17.2	54	8.5	2	6	9	82.5	58	9.1
1912	6417	86	90	14.0	49	7.6	3	10	6	66.6	56	8.7

Deaths of residents not registered in the District were transferred from the Chertsey Union Infirmary (5) Westminster Hospital (1) Addlestone (1) London Hospital (1) Eastbourne (1) and Swanage (1).

Area of District in acres (land and inland water) 1372

Total population at all ages 6286
 Number of inhabited houses 1327
 Average number of persons per house 4.7
 } At Census of 1911

WEYBRIDGE URBAN DISTRICT.

NOTIFIABLE DISEASE.	NUMBER OF CASES NOTIFIED.						TOTAL CASES NOTIFIED IN EACH LOCALITY	TOTAL CASES REMOVED TO HOSPITALS.
	At all Ages.	At Ages—Years.						
		1 Under and 5 yrs.	5 and 15 yrs.	15 and 25 yrs.	25 and 45 yrs.	45 and 65 yrs.			65 and up-wards.
Small-pox								
Cholera (C) Plague (P) ...								
Diphtheria (including Membranous croup) ...								
Erysipelas	1				1			
Scarlet fever	3	3						
Typhus fever								
Enteric fever								
Relapsing fever (R) Continued fever (C) ...								
Puerperal fever	1			1				
Cerebro-spinal Meningitis ..								
Poliomyelitis								
Pulmonary Tuberculosis ...	5			4	1			
Totals	10	3		5	2			

) Chertsey Rural and Chertsey, Walton-on-Thames, Weybridge and Windlesham Urban
 Isolation Hospital or Hospitals, Sanatoria, &c. Joint Isolation Hospital situated at Ottershaw in the Chertsey Urban District.
) The Chertsey Union Infirmary situated at Ottershaw in the Chertsey Urban District.