

[Report of the Medical Officer of Health for Lambeth].

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PRESENTED TO BOARD.

9 JAN. 1880

PARISH OF LAMBETH



THE

METROPOLIS MANAGEMENT ACT,

1855,

AND THE SEVERAL ACTS AMENDING THE SAME.

22nd Annual Report

OF THE

PROCEEDINGS OF THE VESTRY,

IN THE EXECUTION OF THE ACTS,

RENDERED IN PURSUANCE OF THE 198TH SECTION OF THE

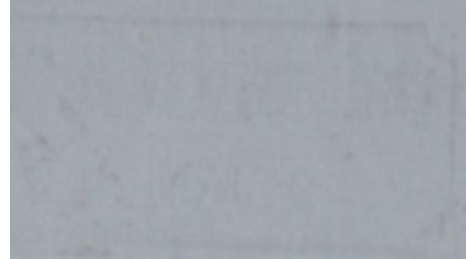
18TH AND 19TH VICT., CAP. 120.

LONDON:

PRINTED (BY ORDER OF THE VESTRY),

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THE METROPOLIS MANAGEMENT ACT,

18th and 19th Victoria, Cap. 120,

AND THE SEVERAL ACTS AMENDING THE SAME.

THE VESTRY OF THE PARISH OF LAMBETH.

TWENTY-SECOND ANNUAL REPORT.

PURSUANT to the 198th Section of the "Metropolis Management Act," the Vestry present the Twenty-Second Report of their proceedings, under the Acts before mentioned, and of Works completed and improvements effected, during the year ending the 25th day of March, 1878.

During the past year, new Paving Works of great extent have been executed, Improvements effected, and Public Lighting increased, in relating to which the Vestry have been actuated by the desire of extending the benefits thereof as widely as possible, endeavouring to avoid any serious increase of local taxation.

The Works and Improvements referred to are hereafter specifically described under the respective heads of Sewerage, and Street and House Drainage, &c., at page 4; Highways, New Works, and Improvements at page 5; Lighting matters at page 6; and Sanitary matters at page 9.

The Report also contains an Account in Abstract, showing the Receipts and Expenditure of the Vestry for the year ending at Lady-day last; also a Summary Statement of all Contracts entered into, and of monies owing to, and debts and liabilities owing by the Vestry. These accounts have been duly audited by the Auditors, elected by the Parishioners.

For the purpose of efficient publication, an Abstract Account, of amounts received and paid by the Lambeth Burial Board, from the 1st day of April, 1877, to the 31st day of March, 1878, is set forth at pages 46 and 47.

The accounts of the said Board have been duly audited.

THE VESTRY OF THE PARISH OF LAMBETH.

Statement of Works executed under the direction of the
Sewers Committee, during the year, from 25th March,
1877, to 25th, March, 1878.

Brighton Terrace	...	...	...	...	218 feet 12-in. pipe.
"	...	...	...	...	642 " 9 "
Sanders Street	...	...	...	...	76 " 12 "
Francis Street	...	...	...	...	80 " 12 "
Josephine Avenue	...	...	...	...	38 " 12 "
St. Faith's Road	...	...	...	...	150 " 12 "
China Walk and St. Alban's Buildings	...	...	...	...	70 " 12 "
Ditto	ditto	...	...	...	68 " 9 "
Walcot Square	...	...	...	...	1114 " 92 "
Ditto	...	...	...	...	130 " 9 "
St. Mary's Square	...	...	...	...	600 " 12 "
Upper Kennington Lane	...	...	...	...	114 " 9 "
Hurst Street, Herne Hill	...	...	...	...	250 " 9 "
Griffin Street, York Road	...	...	...	...	46 " 9 "
Dalberg Road	...	...	...	...	138 " 12 "

Statement of Works and Improvements carried out under
the direction of the General Purposes Committee, during
the year ending 25th March, 1878.

Brixton Road (by "Bon Marché")	}	Footways laid with new 2½ York Stone Paving and Granite Kerb.
Westminster Bridge Road		
Royal Street	}	Old Kerb made good, and Foot- ways laid with new 2½ York Stone Paving.
Waterloo Road		
Griffin Street		
Holmes Terrace		
Alfred Cottages	}	Footways laid with Old Paving from Parish Depot.
Herne Hill Passage		

Milkbrook Road	...	...	} Old Kerb re-dressed, deficiency made good with New, and Footways laid with Tar Paving.
Barrington Road	...	...	
Norfolk Street	...	...	
Effra Parade	...	...	
Central Hill ...	...	...	
Trinity Road, Tulse Hill	...	...	
Landor Road, (1 side only)	...	...	
ThurLOW Place, Norwood	...	...	
Kennington Park Road (side of flagging)	...	...	
Fyfield Road...	...	...	
Cornwall Road	...	...	
Elizabeth Street	...	...	
Cornwall Street	...	...	
Allington Street	...	...	
Frederick Street	...	...	
Sussex Street	...	...	
Windmill Street	...	...	
Brandon Road	...	...	
Portland Place, North	...	...	
Portland Place, South	...	...	
St. James's Road	...	...	} Footways laid with Tar Paving, and New Granite Kerb.
Lansdown Hill	...	...	
Manley Place	...	...	} New Roadways made up, and Footways laid with new 2½ York Flagging, with Granite Kerb, at cost of owners.
Rutley Gardens	...	...	
Vining Street	...	...	
Saltoun Road	...	...	
Edithna Street	...	...	
Kemerton Road	...	...	
Cambria Road	...	...	
Northway Road	...	...	
Anstey Road	...	...	
Dumbleton Road	...	...	
Hinton Road, new portion	...	...	
Alderton Road	...	...	
Lett Street (part only)	...	...	
Mervan Road "	...	...	
Kellett Road "	...	...	
Herne Hill Road "	...	...	
Horsford Road "	...	...	
Crowhurst Road	...	...	} Footways laid with 2½ York Stone Flagging, with new Granite Kerb, one-fourth the amount charged to occupiers.
Angell Road ...	...	...	
Dorrells Place	...	...	} Ditto and Kerb re-dressed and re-set only.
			} 20 ft. Road laid with new 2½ York Paving at cost of Owners.

LIGHTING.

In the past year 80 Applications have been received for improved Lighting in various parts of the Parish, 71 of which were complied with, and 9 refused.

There have been 105 new Lamps erected, and 10 removed to positions which increased their utility.

The total number of public Lamps lighted by the Vestry at the present time is 3,346, and the cost of Lighting, including new Columns, the removal of Lamps, and other expenses, amounts to £14,366 19s. 1d.

The periodical Reports, made by the Medical Officer relative to the quality and illuminating power of the Gas supplied by the London, Phoenix, and Crystal Palace District Companies, show that the illuminating power has always been above the Parliamentary standard, and free from Sulphuretted Hydrogen and Ammonia.

The following Tabular Statement is furnished by the Medical Officer.

RESULT OF 1830 OBSERVATIONS OF THE ILLUMINATING POWER OF THE GAS, Made on 90 occasions during the year 1877-78.

Gas Companies.	No. of occasions Gas tested.	Where tested.	Average Illuminating Power.	Tests for purity. Ammonia, & Sulphuretted Hydrogen.
The Phoenix	41	Vestry Hall	14.80	Free from Ammonia & Sulphuretted Hydrogen.
The London	41	Ditto ...	15.01	Ditto.
The Crystal Palace District	8	Crystal Palace	15.07	Ditto.

The arrangement made with the London Gas Company on the 29th September, 1876, for burning Gas on the average Meter System has proved satisfactory.

The charge for lighting and extinguishing, and Gas supplied by that Company for the year previous to the above arrangement—viz., from 25th March, 1875, to the 25th March, 1876—amounted to the sum of				£3609	7	5
For the year ending the 25th March, 1878, on the Meter System, with 5 more Lamps ...				3075	1	10
				534	5	7
Deduct expenses of Inspector's salary per annum				125	0	0
				409	5	7
For Maintenance				80	0	0
				329	5	7
For the Quarter ended the 25th March, 1878, the Company reduced their price 3d. per Thousand, which will detract from the comparative saving				51	17	1
Net saving				£277	8	6

The supervision of the Inspector of Meters, induces a care on the part of the Gas Company to keep the lanterns clean and repaired, the fittings in order, and the general Lighting very much more satisfactory than formerly.

(By Order),

THOMAS ROFFEY,

Vestry Clerk.

ANNUAL REPORT,

For the Year 1877-8,

BY DR. ARCHER FARR.

GENTLEMEN,

On submitting to you the twenty-second Annual report on the sanitary condition of the parish of Lambeth, it will be observed that the rate of mortality was considerably lower than in past years—a result mainly due to the fact that the seasonal changes during the year, as affected by moisture, temperature, etc., although conducing to the spread of small pox, have been favourable to the Public Health generally.

I trust that the information contained in the report will suffice to impress you with the importance of the work the several officers of the Sanitary Staff are engaged in, and to assure you that they have continued to perform their duties in an efficient and praiseworthy manner.

I remain,

Your obedient Servant,

ARCHER FARR,

Medical Officer of Health.

*To the Chairman and Gentlemen of the
Vestry of the Parish of Lambeth.*

INTRODUCTION.

The population of Lambeth in 1861 was 162,044, and in 1871, 208,342, thus giving the district an increase of 46,298 persons at the end of ten years. The average number of persons per house in 1861 and 1871, respectively, was 7·1 and 7·2, while the average number of persons per house for the whole Metropolis was exactly the same in both census periods, viz., 7·8.

Thus, it would appear that one of the surest methods of estimating the population of a large Metropolitan District like Lambeth at any inter-census period, is to find the number of rated houses, and to apportion the same number of persons to each house as shown in the previous census.

On the assumption that the annual rate of increase has been the same as in the previous decade, I have estimated the population of Lambeth to the 30th September, 1877, at 251,517, or if 7 persons for each of the 35,965 rated houses be allowed, it will give a population of 251,755, being 238 more than the number arrived at by the usual method of calculation.

While, therefore, 251,517 must closely approximate a correct estimate, I believe that it under-rates the population rather than exceeds it; in which case, the health of the Parish, as shown by the accompanying Report, would also be slightly under estimated.

Many houses have disappeared to make room for improvements, but building is being carried on very actively in different parts of the Parish, and the number of fresh immigrants every year is very considerable.

Reference to the following Table, compiled from the Census

Returns of 1871, will give an idea of the extent to which house accommodation is annually on the increase.

				HOUSES.					
				In-habited	Unin-habited	Build-ing	In-habited	Unin-habited	Build-ing
Waterloo Road 1st	...	...	...	1736	29	1	1593	50	1
„ 2nd	...	...	...	2179	55	...	2153	76	3
Lambeth Church 1st	...	...	...	2429	98	...	2264	87	2
„ 2nd	...	...	...	3918	84	14	4442	135	30
Kennington 1st	...	...	...	4761	121	107	6030	299	30
„ 2nd	...	...	...	3523	128	12	5111	375	46
Brixton	...	...	...	3223	122	71	5554	397	154
Norwood	...	...	...	1141	48	38	1982	240	83
Totals				22,910	685	243	29,129	1659	349

In the Waterloo Road, 2nd Sub-District, 133 houses have been pulled down for the extension of the Waterloo Railway Terminus, causing the displacement of about 250 families or nearly 1000 persons. In the Waterloo 1st district, however, concurrently with this destruction of property, some blocks of Peabody's Buildings have been erected, containing 351 families, or a total population of 1441.

In East Street, Kennington Road, on a site where stood some houses which had been pronounced by me as being unfit for habitation, Mr. Sansom has erected a block of Model Dwellings for the Artizan Class, known as Claydon Buildings. It is four stories high, and contains 35 separate suites of four rooms each, and is intended to accommodate 35 families or about 200 persons. The design is an excellent one, and many more after the same model would be a great boon to the poorer classes. There is one most important sanitary arrangement such blocks of houses admit of, which cannot be applied to small house property, and

that is separate water supply for flushing closets and drinking purposes.

BIRTH AND DEATH RATE.

In the year ending 31st March, 1878, there were 8783 births, and 5549 deaths registered in Lambeth. The births were 183 less, and the deaths 220 more than in the previous year. The births showed an increase in each quarter of the year, viz., June, 2094; September, 2149; December, 2221; and March quarter, 2319. The deaths recorded in the June quarter were 1418; in September, 1116; in December, 1386; and in March quarter, 1629. After deducting strangers, the deaths referred to the seven principal Zymotic Diseases were 61 less than in the previous year.

Assuming the population at the middle of the year to have been 251,517, the birth-rate for the whole of Lambeth District was 34.9 per 1000, and the death-rate, deducting strangers, 19.6. If the deaths of 615 strangers brought to the hospitals from various parts of the Metropolis and Provinces were included, the death-rate would be 22.1.

1284 deaths of children under one year of age, occurred, viz., 93 in Waterloo Road 1st, 111 in Waterloo 2nd, 131 in Lambeth Church 1st, 289 in Lambeth Church 2nd, 229 in Kennington 1st, 114 in Kennington 2nd, 253 in Brixton, and 64 in the Norwood Sub-Districts. The proportion per cent. of deaths under one year to total deaths was 23.1; that of London was 24.1. The number of deaths under one year to 1000 births was 146; that of London, 150.

There died also 976 children above 1 and under 5 years, and 1094 persons aged 60 and upwards; the proportion per cent. to deaths from all causes of the former being 17.6 per cent., and of the latter 19.7.

In London (inner-ring) the births recorded during the four quarters ending March, 1878, gave a birth-rate of 36.1, and the deaths a death-rate of 22.4 per 1000 of population. Thus, the health of the Parish of Lambeth continues to compare favorably with that of the rest of the Metropolis.

The excess of births over deaths shows the natural increase of population, or gain of life for the year. The births, having been 8783, and the deaths 5549, the natural increase has been 3234 (1655 males and 1579 females).

No. of Births, Males, 4458 Females, 4325

No. of Deaths „ 2803 „ 2746

Natural increase of Population, } Males 1655 Females, 1579 or 3234 persons.

It is assumed in the above calculation that the births of strangers balanced the deaths of strangers.

The following Tabular Statement gives the estimated population, and the relative birth-rates and death-rates, &c., of the Inner and Outer Liberties, or Urban and Sub-Urban Districts of the Parish :—

	Urban Portion.	Sub-Urban Portion.
Estimated Population	91,594	159,923
Births, 1877-8	3,782	5,001
Deaths	2,696	2,853
Natural increase of Population ...	1,086	2,148
Birth-rate per 1000	41.3	31.3
Death-rate, ditto	29.4	17.8
Deaths referred to Zymotic Diseases	35.8	77.3
Zymotic death-rate per 1000 living ...	3.9	4.8

615 strangers are included in the above statement, 295 of whom died in the Inner, and 320 in the Outer Liberties. Deducting these, the death-rate for the former was 26.2, and for the latter 15.8 per 1000.

325 strangers were referred to the principal Zymotic Diseases, which, if deducted, reduces the Zymotic rate for the Urban portion to 3.7, and that for the Sub-Urban to 2.9 per 1000. The Zymotic rate for London for the same period was 3.8.

DEATHS FROM ZYMOTIC DISEASES.

1131 deaths were referred to the principal Zymotic Diseases, including 325 strangers. In the June quarter, 302 deaths,

(103 strangers), were registered; 231, (66 strangers), in the September quarter; 242, (74 strangers), in the December quarter; and 356, (82 strangers), in the March quarter.

329	died from Small Pox	...	(191 stranger
163	„ Measles	...	1 „
132	„ Scarlet Fever	...	45 „
39	„ Diphtheria	...	3 „
200	„ Whooping Cough		0 „
41	„ Typhus Fever	...	35 „
96	„ Enteric	...	49 „
21	„ Simple Continued		0 „
110	„ Diarrhoea	...	1 „
1131			325

The mortality from Small Pox was highest in the June quarter of the year 1877; in the September quarter it decreased considerably; it rose again, however, in the December quarter, and showed a still further increase for the quarter ending March. The greatest increase was in the first half of the latter quarter, the disease, as shown by the number of cases reported, declining rapidly towards the end.

In Table II. will be found the number of deaths from Small Pox in each Sub-District. In the Brixton Sub-District, of the 290 deaths recorded, 190 were strangers.

The deaths from Measles in the four quarters of the year were respectively 68, 25, 31 and 39.

An unusual fatality from Measles occurred in the month of January in Reedworth Street, Kennington Road. The house in which it took place was one of a row of new six-roomed houses with basements. It was occupied by two families—one with six children, and the other with one only. The rooms in the basement and the two upper bed-rooms were occupied by the former, and the parlours on the ground floor by the latter. All the children belonging to both families sickened on about the same day, and five—aged respectively 9, 6, 4, and 2 years, and an infant a few months old—died within a week. Through the

courtesy of Dr. Marsh, the family medical attendant, I had an opportunity of seeing some of the children while living, and the character of the rash in each case, the accompanying broncho-pneumonia, and the typhoid condition of the patient, showed it to be suppressed measles of a most malignant type.

On proceeding to examine the sanitary state of the premises, it was soon evident from the tainted and close atmosphere that no regard was paid to ventilation, and a want of cleanliness was very apparent in every department, the parlour occupied by the lodger excepted.

A thorough exploration of the house pipes failed to discover any defect within the building, but the pan-trap of the w.c. was out of repair, and a great force of sewer air escaped therefrom, the odour from which was most offensive. An analysis of the water showed it to be largely contaminated with sewer gas, through the waste-pipe of the cistern discharging itself into the soil-pipe of the closet.

It is remarkable that the one child living in the parlours, the cleanest and the best ventilated part of the house, was the only one in which the rash of measles could be fully developed, and although he ultimately succumbed from Pneumonia, he struggled on the longest, the disease in him never manifesting the same degree of malignancy.

It was supposed that the children took the infection at a Public School, but inquiry proved that there had been no case of measles among any of the attendants for months previously.

I regard the above as one of those cases in which the simple infection of a disease may be rendered malignant on entering the body, the vitality of which has been previously lowered, and the blood rendered impure, by contaminated air and water.

The mortality from Scarlet Fever increased throughout the first, second, and third quarters of the year, and declined in the fourth or March quarter. The deaths in each quarter were as follows:—June, 28, (8 strangers); September, 39, (22 strangers); December, 43, (7 strangers); and March, 22, (8 strangers).

Diphtheria caused 9 deaths in the June quarter, 7 in Septem-

ber quarter, 15 in December and 8 in March quarters. Of the 39 deaths due to this malady, 18 occurred at houses in the Brixton Sub-District, and 3 strangers died at St. Thomas's Hospital.

Whooping Cough caused 21 deaths in the June quarter, 18 in the September quarter, 28 in December, and 133 in the March quarter.

Typhus Fever caused 41 deaths within the District, but of this number 6 only belonged to Lambeth, the remainder dying in Stockwell Fever Hospital. The six Lambeth cases included two nurses employed in the Stockwell Fever Hospital, a female patient whose address was unknown, a labourer who died at St. Thomas's Hospital, and whose residence was at 24, Lambeth Walk, a female, aged 19, the daughter of a printer, at 7, High Street, and a woman, aged 62, the wife of a sawyer, residing at 26, Ridgway Road, Brixton.

Typhoid Fever showed an increase (as compared with the mortality of the previous year) in the Waterloo 1st; Lambeth Church 1st and 2nd; Kennington 2nd; and Norwood; but in the other Sub-Districts there was a marked decline. The 12 deaths in Lambeth Church 1st include 7 strangers who died in St. Thomas's Hospital, and the 57 deaths in Brixton 42 strangers who died in the Stockwell Fever Hospital.

During the months of October, November, December, and January, the season at which Enteric Fever is most prevalent, the number of cases was in excess of last year, being 55 as against 32. They were isolated cases, and were distributed through the poorest and most densely populated districts of the Parish. Every effort was made to trace each case to its origin, and in the majority of instances it was found associated with defective drainage, contaminated water supply, or both.

Early in the autumn, I received a communication from the Medical Officer of Health for one of the Western Metropolitan Districts, directing my attention to a Dairy in Lambeth through which it was suspected Enteric Fever had been disseminated. On visiting the establishment, however, I found it one of the

best appointed in the District, and the sanitary arrangements such as to preclude the possibility of the milk becoming contaminated on the premises by any of the means through which the infection of Enteric Fever is conveyed.

As so much has been revealed of late years respecting the insanitary condition of Dairy Farms causing the spread of Enteric Fever through the medium of milk, it behoves every Medical Officer of Health to be on the alert for such cause whenever Enteric Fever may appear in his District; but while exercising every vigilance against the invasion of the disease from that source, a wise discretion should be observed, lest he may too hastily condemn the milk supply, to the serious injury of the trader.

It may be accepted as a rule, that where Enteric Fever is caused by infected milk, it occurs in groups of cases in different families, and within a limited area; but where, in the winter season of the year, when it is generally rife in a district, the cases are isolated and widely scattered, Drain Fever is indicated.

In the course of my enquiries it was found that several of the affected persons never took any other than condensed milk, and although I have no reason to suspect that in any of the cases the poison of Enteric Fever might have been conveyed through this channel, it occurred to me that since there are so many preparations in the market, such a contingency is possible, and that in event of this happening, the temperature to which the milk is subjected during its manufacture would not suffice to destroy the contagium.

Of Simple Continued Fever, 21 persons died during the year.

The deaths from Diarrhœa were 85 less than in the previous year, the greatest mortality occurring in the September quarter.

During the year, 803 cases of attacks of Zymotic Diseases were reported to the Vestry, comprising 569 Small Pox, 15 Measles, 131 Scarlet Fever, 12 Diphtheria, and 76 different forms of Fever.

In every instance the premises were inspected, and all neces-

sary steps taken in isolating the patients where practicable, and in carrying out thorough disinfection.

The following table gives the number of cases of epidemic disease attended by the Poor Law Medical Officers in each quarter of the year :—

TABLE I.	Small Pox.	Measles.	Scarlet Fever	Whooping Cgh.	Diarrhoea.	Typhus Fever.	Simple Contd. Fever.	Total.
June Quarter	138	15	13	3	27	1	18	204
Sept. „	70	29	6	5	89	4	28	231
Dec. „	54	38	12	24	32	1	75	236
March „	150	11	4	34	37	2	28	266
Totals	412	93	35	66	185	8	149	937

PEABODY BUILDINGS, DUKE STREET, STAMFORD STREET.—There were 28 deaths in the above dwellings during the year, including 2 from Measles, 2 from Whooping Cough, and 1 from Continued Fever, making a total of 5 Zymotic deaths. Two deaths from accidental Asphyxia occurred, and the remaining 21 deaths were from general causes, calling for no special remark. The death-rate per 1000 living in the building was 19·4, while the deaths due to Zymotic disease gave a rate of 3·5 per 1000.

SMALL POX.

The total number of cases of Small Pox reported to the Vestry during the year was 569, of which number 412 were pauper cases. They were distributed throughout the Parish as follows :

1876-7.		1877-8.
138	North and South Marsh Wards	100
136	Bishop's and Prince's „	130
480	Stockwell and Vauxhall „	242
222	Brixton and Norwood „	97
976	TOTALS.	569

The following is a List of the Streets immediately surrounding, and within a radius of a quarter of a mile, of Stockwell Small Pox Hospital. The figures show the number of cases that have occurred in each Street during the present epidemic to the end of March, 1878 :—

No. of Houses.		No. of cases of Small Pox.
50	Burgoyne Road	19
52	Bellefield Villas	2
15	Bedford Road	3
23	Combimere Road	4
47	Chantry Road	6
42	Cottage Grove	13
15	Cross Street	3
136	Dalyell Road	22
66	Edithna St. (opposite Hospital Gates)	13
9	East Street	2
169	Ferndale Road	2
9	Fenwick Place	5
39	Gately Road	1
39	Hargwynne Street... ..	12
39	Herbert Road	2
100	Landor Road	18
100	Lingham Street	13
78	Mordaunt Street	12
16	North Street	6
43	Pullross Road	6
424	Stockwell Roads	27
17	Stockwell Green	5
19	Stockwell Grove	3
47	Shepherd's Lane	5
25	Wellington Road	13
9	Sandridge Place	6
Total		221

For further statistical information relating to Population, Acute, General, and Zymotic Diseases, the reader is referred to appended Tables 2, 3, 4, 5, 6, and 7.

(N.B.—Of the 329 persons who died of Small Pox—*vide* page 13—48 had been vaccinated, 63 imperfectly so, 45 were not stated, and 173 had not been vaccinated at all, these including 97 *unvaccinated* children under the age of 12 years.)

The very large proportion of imperfectly vaccinated and unvaccinated cases in the death returns from Small Pox suggest the urgent necessity for early legislation as regards compulsory re-vaccination. The preventive efficacy of re-vaccination is placed beyond all doubt, and the various channels through which the infection of Small Pox is conveyed are so numerous, that a Sanitary Authority is almost powerless in checking the spread of the disease in the absence of a compulsory law securing during an epidemic the re-vaccination of all those insufficiently protected by primary vaccination.

Foremost among the causes rendering the prevention of the spread of infection so difficult are ignorance and carelessness on the part of parents and others, and the wilful concealment of the existence of disease. In the better classes of Society it is the exception to find a second case of Small Pox occurring in a family; and this is not altogether because any superior method of disinfection is adopted, or that the home may offer greater advantages as regards the isolation of the patient, but is due to the fact that the upper classes more readily avail themselves of re-vaccination, and the family medical attendant, knowing he will have a fee for each case, promptly re-vaccinates all those in the household who may require it.

But with the poorer classes—and I refer especially to those cases in which houses are let in apartments—the obstacles in the way of the sanitary authority are very great. Prevailing amongst the uneducated is a popular belief that if one does not fear any particular contagion, he will never take it, and those of this belief are in the habit of visiting such cases with impunity, to the imminent risk of the lives of those with whom they are in frequent communication.

Another equally absurd idea with them is that attending a mild attack of any infectious disease, there is little or no danger

of its being communicated, and in such a case medical advice is probably not sought for until several members of the family are found falling in succession. This is one of the strongest arguments possible in the legislating for a system of registration of disease, for making it compulsory on the part of the householder or head of a family to give notice of the existence of any infectious disease.

Another fruitful source of the spread of Small Pox, &c., is where two or more families reside in one house. Where it happens in one family, it is frequently kept secret from the other, the chief cause of the suppression of the information being the dreaded loss of business or occupation. And here I would remark, that during the recent epidemic, I have witnessed some painful cases of families becoming impoverished by loss of trade or occupation; but in every case this result would have been averted if the aid of this department had been called in at the onset of the disease.

The observance of the foregoing facts has led me to consider what would constitute the most practicable and most efficient system of compulsory re-vaccination.

As to a system compelling every one to be re-vaccinated at different ages, I can conceive many objections; but instead of so general an application, I would suggest that it be made compulsory throughout any family or families residing in a house in which a case of Small Pox has occurred, and that any medical man, whether an appointed Public Vaccinator or not, should be paid by the State for performing the operation. One of the greatest objections to the present regime is that Public Vaccinators only are paid for vaccinating, the result of which is to create an antagonism between him and the private practitioner. A further hindrance to successful vaccination is, that Public Vaccinators are not encouraged by additional payment to vaccinate persons at their homes.

THE WATER SUPPLY.

Of the waters supplied from the Thames, that delivered by

the West Middlesex was the best, and that distributed by the Southwark Company the worst.

The water supplied by the Southwark Company was, on examination, clear on 7 occasions, turbid on 4, and very turbid on 1. The Lambeth Water Company's was clear on 8 occasions, and slightly turbid on 4.

Moving organisms were found in the Southwark Company's water on 5 occasions, and in the Lambeth on 1 only.

Both waters show considerable improvement as compared with previous years, which is attributed to the more careful treatment of the water, as regards subsidence and filtration, by the respective Companies.

METEOROLOGY.*

The mean temperature of the year 1877 at Greenwich was $49^{\circ}4$, which is $0^{\circ}8$ above the average of 106 years; it was $3^{\circ}1$ above the average in June, but the temperature of the summer was below the average, and on no day was it higher in the shade than $88^{\circ}2$. The mean temperature of the three winter months was $3^{\circ}6$ above the average of 106 years.

There was a downfall of 26·9 inches of rain in 183 out of the 365 days. The average rainfall at Greenwich was 25·3 inches, so that this amount was 1·6 inches above the average. The fall in January was excessive; no less than 4·35 inches fell in 23 days, and produced extensive inundation.

The wind swept the earth at the mean velocity of 13 miles, which is about 2·3 miles above the average.

Year of 52 Weeks.	Mean.	Highest Reading by day.	Lowest Reading by Night.
	49·5	88·2	23·5
March Quarter	42·4	59·4	23·5
June „	51·8	85·5	28·1
September „	58·6	88·2	33·3
December „	45·0	68·8	28·2

* The above is taken from the Registrar General's Annual Summary.

THE DISINFECTION OF HOSPITAL SEWAGE.

Following up the suggestion made in my last Annual Report, recommending that the excreta passing from Small Pox and Fever patients in Hospitals should be thoroughly disinfected before being allowed to mingle with the sewage of the district, Dr. Soper, member of the Metropolitan Asylums Board, has invented and applied to the drains of the Stockwell Fever and Small Pox Hospitals an apparatus by which any infection contained in the sewage can be conveniently and effectually destroyed on its way to the main sewer. The invention consists in the application of chlorine gas by means of a generator of Dr. Soper's own design, which is in the shape of a cone, and perforated at its apex. Connecting the sewer with the surface of the ground is an eighteen-inch sewer pipe, placed perpendicularly into which, the generator, previously charged, is lowered by means of a chain. It is so adjusted that when *in situ*, its perforated end dips some inches into the sewer, and emits a continuous stream of chlorine gas, the charge being so regulated as to require renewing twice a week only.

During the recent epidemic, the defective drainage in many of the houses in which Small Pox occurred within the Stockwell district, pointed strongly to the possibility of the infection having been conveyed through the medium of sewer gas, and I shall watch with the greatest interest, the result of this novel and important sanitary application, as affecting the health of that immediate locality.

THE ARTIZANS & LABOURERS DWELLINGS ACT, 1875.

In the month of August, a representation under the above Act was made to the Metropolitan Board of Works, recommending four unhealthy areas for demolition.

Block No. I included Bond Court, Bond Street, John Street, Cottage Place, Elizabeth, Henry, James, and Perry's Places, Cornwall Road.

Block No. 2, included Salutation Place, (Peer's Cooperage), and a portion of the Cornwall Road (12 houses).

Block No. 3 included Great Windmill Street, Little Windmill Street, Windmill Row, Windmill Court, and 20 houses in King Street.

Block No. 4 included Hooper Street, Jurston Street, Francis Street, Apollo Buildings, Isabella Street, Whiting Street, Burdett Street, and Gloucester Street.

The number and nature of nuisances are shown on page 29.

Examined and approved by Committee on Annual Report—

MESSRS. W. H. FORMAN, *Chairman.*

W. LONG.

W. COLLINS.

GEO. MOORE.

JOHN FENTON.

ROBT. W. MARTIN.

CHAS. CROSS.

11th November, 1878.

TABLE II.

DISTRICTS.	Enumerated Population, 1871.	Estimated Population 30th Sept. 1877.	Births, 1877-8.	Birth-rate per 1000 Population.	Deaths, 1877-8.	Deduct Deaths of Strangers in Hospitals.	Death-rate per 1000 of Population.	Persons living to 1 Death.
WATERLOO ROAD—1st	14,074	13,348	609	45·5	337	13	24·2	41·1
„ „ 2nd	18,465	18,352	739	40·3	353	6	18·9	52·9
LAMBETH CHURCH—1st	19,492	19,270	735	38·1	793	276	26·8	37·3
„ „ 2nd	35,833	40,624	1699	41·8	1213	...	29·9	33·5
KENNINGTON—1st	41,286	49,964	1559	31·2	792	...	15·9	63·1
„ 2nd	31,221	41,117	1076	26·2	566	...	13·8	72·6
BRIXTON	35,435	51,279	1860	36·3	1274	320	18·6	53·8
NORWOOD	12,536	17,563	506	28·8	221	...	12·6	79·5
TOTALS—Lambeth, 1877-8 ...	208,342	251,517	8783	34·9	5549	615	19·6	51·0
TOTALS—Lambeth, 1876-7 ...	...	...	8966	38·3	5329	519	20·6	48·6

TABLE III.

DISTRICTS.	Deaths from all causes.			Small Pox.	Measles.	Scarlet Fever.	Diphtheria	Whooping Cough.	FEVERS.			Diarrhoea.	Total Zymotic Diseases.	Deduct Strangers Deaths in Hospitals.	Zymotic per cent. excluding Strangers.
	Males.	Femls.	Persons						Typ-hus.	Enteric or Typhoid	Simple contd.				
Waterloo Road—1st	160	177	337	1	16	11	1	17	...	4	3	7	60	...	17·8
„ „ 2nd.....	181	172	353	4	12	2	...	14	...	1	2	10	45	...	12·7
Lambeth Church—1st ...	465	328	793	3	19	14	7	23	1	12	2	10	91	19	13·9
„ „ 2nd...	590	623	1213	5	40	8	2	62	1	10	7	27	162	...	13·4
Kennington—1st	412	380	792	10	23	18	5	18	...	6	1	15	96	...	12·1
„ 2nd	289	277	566	16	21	31	3	33	...	4	1	9	118	...	20·8
Brixton	592	682	1274	290	31	48	18	26	39	57	4	26	539	306	24·4
Norwood	114	107	221	...	1	...	3	7	...	2	1	6	20	...	9·0
Total Lambeth	2803	2746	5549	329	163	132	39	200	41	96	21	110	1131	325	16·3
Deduct Strangers	...	...	615	191	1	45	3	...	35	49	...	1	325	...	...
Lambeth Cases	...	...	4934	138	162	87	36	200	6	47	21	109	806	...	16·3

TABLE IV.—ACUTE & GENERAL DISEASES.

DISTRICTS.	Brain.	Heart.	Lung.	Stomach.	Liver.	Kidney.	Apoplexy.	Convulsions.	Bronchitis.	Pneumonia.	Pleurisy.	Croup.	Rheumatism.	Phthisis.	Gout.	Cancer.	Marasmus.	Dentition.	Mal Nutrition.
Waterloo Road—1st ...	28	17	74	8	7	3	10	14	35	25	1	4	1	38	...	4	26	7	18
„ „ 2nd ...	40	17	92	10	7	5	9	20	63	10	3	2	1	33	...	3	28	9	23
Lambeth Church—1st ...	58	65	162	46	25	36	14	12	89	26	3	9	1	75	2	26	24	8	19
„ „ 2nd ...	129	70	328	20	13	28	47	23	250	35	1	9	4	171	3	18	66	17	45
Kennington—1st ...	87	49	218	28	22	10	32	19	132	33	5	7	5	95	4	11	44	35	49
„ 2nd ...	70	05	113	19	22	20	27	18	49	24	3	2	9	64	2	13	24	10	25
Brixton ...	90	53	218	32	26	22	32	22	115	31	4	10	8	94	2	16	50	18	47
Norwood ...	34	20	45	11	7	6	14	11	17	12	2	2	...	27	...	10	12	6	17
Totals ...	536	326	1250	174	129	130	185	139	750	196	22	45	29	597	13	101	274	110	243
Deduct Strangers ...	15	37	33	26	14	25	1	...	13	9	1	2	...	27	1	14	6	...	1
Lambeth Cases ...	521	289	1217	148	115	105	184	139	737	187	21	43	29	570	12	87	268	110	242
Mortality pr.cent. Lambeth cases*	10·6	5·9	24·7	3·0	2·3	2·1	3·7	2·8	14·9	3·8	0·5	0·9	0·6	11·6	0·2	1·8	54	22	4·9

* The mortality from all causes (Strangers deducted) was 4,934.

TABLE V.

Deaths in Public Institutions in each Quarter of the Year.

Quarter.	Royal Infirmary.			† Lying-In Hospital, York Road.			Workhouse Schools, Norwood.	Workhouse, Renfrew Road.	Workhouse Infirmary, Princes Rd.	St. Thomas's Hospital. *			Stockwell Small Pox Hospital.			Stockwell Fever Hospital.		
	* L.	S.	Total.	L.	S.	Total.	—	—	—	L.	S.	Total.	L.	S.	Total.	L.	S.	Total.
June	8	2	10	5	3	8	2	3	98	24	74	98	25	67	92	4	38	42
September ...	8	2	10	4	3	7	1	3	87	36	68	104	†13	22	35	...	44	44
December ...	5	4	9	...	...	...	1	4	124	31	68	99	15	51	66	8	20	28
March	1	5	6	...	...	...	2	9	120	35	63	98	28	50	78	7	28	35
Totals	22	13	35	9	6	15	6	19	429	126	273	399	81	190	271	19	130	149

* The Columns in the above Table headed "L" show the number of Lambeth Cases, those headed "S" the Strangers that died in the Hospitals.

† Closed in September. ‡ Included in this number is a death which was certified as Erysipelas Cerebral Effusion.

NOTE.—Three Lambeth persons and three strangers were dead before they arrived at the Hospital. They are not included in the above Table.

TABLE VI.—SMALL POX.

Showing the number of deaths that occurred in each of the sub-Districts in each quarter of the year, and the proportion of Strangers to total deaths.

SUB-DISTRICTS.	Total Deaths during the year.	1877.			1878. March.
		June.	Sept.	Dec.	
Waterloo—1st	1	1	—	—	—
„ 2nd	4	3	—	1	—
Lambeth Church—1st...	3	2	1	—	—
„ „ 2nd	5	2	—	1	2
Kennington—1st	10	2	2	4	2
„ 2nd	16	5	1	1	9
Brixton	290	97	35	69	89
Norwood	—	—	—	—	—
Totals	329	112	39	76	102
Strangers	191	*68	22	51	50
Lambeth Residents	138	44	17	25	52

* Included in this number is a death which occurred in St. Thomas's Hospital.

TABLE VII.

Number of Deaths from Small Pox in each quarter of the year, with particulars as to Vaccination.

Quarters.	Total.	Males.	Females	Number of persons returned as			
				Vaccinated.	Imperfectly Vaccinated.	Not vaccinated.	Not stated as to Vaccination.
June } 1877	112	35	77	19	11	73	9
Sept. }	39	21	18	5	5	26	3
Dec. }	76	51	25	15	12	32	17
Mar. 1878	102	57	45	9	35	42	16
Totals ...	329	164	165	48	63	173	45

Return showing the Number and Nature of Nuisances removed
or abated in the Parish of Lambeth, from the 25th March,
1877, to the 25th March, 1878.

Houses cleansed or repaired ...	...	...	...	562
Houses drained ...	...	...	...	67
Cesspools abolished ...	...	...	...	9
Obstructed drains remedied ...	...	...	...	547
Defective or untrapped drains remedied ...	...	...	...	399
Urinals cleansed or improved ...	...	...	...	14
Accumulation of dung removed ...	...	...	...	169
Ditto, animal or vegetable matter ...	...	...	...	14
Swine removed; No. of cases ...	...	...	...	29
No. of pigs ...	...	...	...	142
Obstructed or untrapped gullies reported ...	...	...	...	5
Dust bins provided ...	...	...	...	256
Water supply provided or improved ...	...	...	...	577
Closets provided or improved ...	...	...	...	8
Yards paved or limewashed ...	...	...	...	61
Smoke nuisances abated ...	...	...	...	2
Offensive smells in houses abated ...	...	...	...	3
Ventilation provided or improved ...	...	...	...	3
Dangerous structures reported ...	...	...	...	12
Animals kept in an unwholesome state ...	...	...	...	6
Offensive pools of water ...	...	...	...	1
Ballast burning ...	...	...	...	6
Total number of Nuisances ...	...	...	...	2739
Number of Slaughter houses inspected ...	...	...	...	88
Number of Cow houses inspected ...	...	...	...	92
Number of Bakehouses inspected ...	...	...	...	225
Number of Notices served ...	...	...	...	2521
Summonses and Orders issued ...	...	...	...	16

During the year three lots of Fish and one parcel of Fruit were condemned
and destroyed as unfit for human food.

In addition to the foregoing, 824 houses were disinfected in which Small Pox and Fevers occurred, also the following articles of bedding, &c.

Feather Beds	...	...	...	...	...	150
„ Bolsters	...	...	...	...	...	105
„ Pillows	...	...	...	...	...	324
Flock Beds	...	...	...	...	...	241
„ Bolsters	...	...	...	...	...	198
„ Pillows	...	...	...	...	...	338
Mattresses	...	...	...	...	...	83
Palliasses	...	...	...	...	...	193
Chair Cushions	...	...	...	...	...	10
Rugs	...	...	...	...	...	7
Number of Bodies removed to Mortuary	...	...	...	...	...	49

Two Cabs were disinfected in which patients were removed to the hospital.

The following articles of bedding have been destroyed :—

Feather Beds	...	...	...	...	...	3
„ Bolsters	...	...	...	...	...	3
„ Pillows	...	...	...	...	...	8
Flock Beds	...	...	...	...	...	215
„ Bolsters	...	...	...	...	...	147
„ Pillows	...	...	...	...	...	285
Mattresses	...	...	...	...	...	27
Palliasses	...	...	...	...	...	121
Chair Cushions	...	...	...	...	...	12
Number of Notices served	...	...	...	...	...	824

JOHN BAXTER,
 GEORGE COXHEAD,
 RICHARD EMBLIN,
 ROBERT BOTT,

} *Inspectors of Nuisances.*

SALE OF FOOD & DRUGS ACT, 38 & 39 VIC., CAP. 63, 1875.

Samples procured by the Inspectors, together with the result of
Analyses, &c., &c.

Bread	27	Groats	2
Flour	29	Corn Flour	2
Butter	2	Cocoa	1
Sugar	5	Baking Powder	1
Coffee	13	Currie Powder	1
Mustard	13	Condensed Milk	1
Pepper	12	Capers	1
Sago	1	Vinegar	4
Tapioca	3	Sherbet	1
Milk	40	Gin	8
Confectionery	26	Whisky	2
Marmalade	1	Ale	2
Oatmeal	3	Porter	4
Arrowroot	3	Number of Cases	211
Self-raising Flour	1	Samples Adulterated	5
Pea Flour	1	Summonses issued	5
Lard	1	Convictions	5

Nature of Articles Adulterated, together with Convictions
during the year.

Date.	Articles Adulterated.	Penalties inflicted.
July 14th, 1877 ...	Bread	40s. Fine, 12s. 6d. Costs,
Jan. 26th, 1878 ...	Milk	20s. „ 12s. 6d. „
„ „ ...	Milk	40s. „ 12s. 6d. „
Feb. 8th „ ...	Milk	£3 „ 12s. 6d. „
Mar. 5th „ ...	Milk	5s. „ 12s. 6d. „

JOHN BAXTER,
GEORGE COXHEAD,
RICHARD EMBLIN,
ROBERT BOTT, } *Inspectors of Nuisances.*

THE VESTRY OF THE PARISH OF LAMBETH.

METROPOLIS MANAGEMENT ACT.

Summary Statement of all Contracts entered into by the Vestry, from the 25th March, 1877, to 25th March, 1878; the preparation of such Contracts being performed by the Clerk of the Vestry.

	MATERIAL OR WORK.	
Manuelle & Co. ...	Granite	1 Year
C. Mowlem & Co. ...	Ditto and Kerbing	"
Josh. Gabriel ...	York Paving	"
Wakely Bros. ...	Flints	"
George Roots ...	Ditto	"
Rd. Mayo ...	Fine Gravel	"
George Roots ...	Fine and Rough ditto	"
Rt. Green ...	Ditto and Ditto	"
Thos. Matthews ...	Hard Core	"
Rt. Green ...	Slopping and Cleansing	"
Geo. Guyatt ...	Ditto	"
Ed. Reddin ...	Ditto	"
Geo. Cookson ...	Ditto	"
Rd. Mayo ...	Ditto	"
Rt. Green ...	Ditto	"
J. Hancock ...	Ditto	"
Merser & Sons, from } Nov. 1, 1877, to } Nov. 1, 1878 }	Printing	"
Buck & Wootton, } from Nov. 1, 1877, } to Nov. 1, 1878 }	Stationery	"

VESTRY OF THE PARISH OF LAMBETH.

AN

ACCOUNT IN ABSTRACT

SHOWING THE

Receipt and Expenditure

BY THE VESTRY,

From 25th March, 1877, to 25th March, 1878,

AND

Of the Monies owing to, and Debts and Liabilities incurred
by the Vestry, on the 25th of March, 1878.

THE VESTRY OF THE PARISH OF LAMBETH.
THE METROPOLIS LOCAL MANAGEMENT ACT, 1855,
AND THE SEVERAL ACTS AMENDING THE SAME.

An Account in Abstract, showing the Receipts and Expenditure by the Vestry under the above mentioned Acts, from the 25th day of March, 1877, to the 25th day of March, 1878, under the several distinct heads.

General Purposes.

In respect of the Year ending 25th March, 1877.

1877.	Receipts.	£	s.	d.
March 25th.				
Brought on Treasurer's Balance last Audit ...		5,933	16	6½
Balance ...		7,292	14	1½
		<u>£13,226</u>	<u>10</u>	<u>8</u>

1877.	Expenditure.	£	s.	d.
March 25th.				
Granite, Flints and Paving ...		6,726	13	9
Gravel, Ballast, Core, &c. ...		358	18	5
Cartage ...		2,633	4	4
Water Carting ...		159	3	9
Slopping and Cleansing ...		779	7	6
Dust Removal ...		1,017	6	0
Smith's Work and Tools ...		214	1	2
Rent of Depots ...		17	12	0
Fuel, Oil, Repairs, &c., for Steam Roller ...		56	0	2
Printing and Stationery ...		47	19	3
Advertisements ...		78	17	2
Officer's Salaries ...		618	15	0
Valuation Act Expenses ...		76	16	4
Superannuations and Compensation ...		31	17	8
Law Expenses ...		277	7	11
Committee Expenses ...		3	12	0
Income Tax ...		5	12	9
Sundries ...		123	5	6
		<u>£13,226</u>	<u>10</u>	<u>8</u>

Balance carried forward ... £7,292 14 1½

Abstract of Account of General Purposes, (Continued.)

In respect to the Year ending March 25th, 1878.

Receipts.

1878.	Cash Account.			Monies Owning to the Vestry.		
March 25th.	£	s.	d.	£	s.	d.
Cash of Overseers on Precept ...	84,656	12	7	3,686	7	8
„ Trustees of Pedlar's Acre Estate ...	434	13	7			
„ Interest at Bank ...	103	12	1			
„ Paving Works ...	9,255	9	0			
„ Gas and Water Companies—Repairing Trenches ...	642	17	4			
„ Removal of Urinal, Stockwell Green ...	50	0	0			
„ Various Parishes for Opposing Thames Floods Bill ...	117	2	6			
„ New (Tar) Paving Works Account, Dr....				2,093	6	6
Balances ...	17	8	7½	7,933	2	8½
	£95,277	15	8½	13,712	16	10½

Expenditure.

1878.	Cash Account.			Debts & Liabilities.		
March 25th.	£	s.	d.	£	s.	d.
Balance brought on...	7,292	14	1½	17	8	7½
Granites, Flints, Paving, &c....	21,359	17	7	9,749	0	4
Gravel, Sand, Ballast, Core, &c.	1,959	18	8	256	8	3
Work Preventing Floods at High Tides ...	548	6	8			
Cartage ...	7,020	1	1	1,369	18	10
Water Carting ...	3,607	6	11	219	16	5
Barging Slop ...				214	15	0
Water for Roads ...	2,406	5	11			
Smiths' Work and Tools ...	687	2	11	222	17	0
Steam Roller, Fuel, Oil, &c. ...	314	4	7	36	2	9
Rent of Wharves and Depots ...	913	9	0	17	12	0
Barging and Carting Dust ...	3,803	0	6	909	10	6
Corn and Fodder for Horses ...	131	8	9			
Rates and Taxes ...	119	14	4	47	6	9
Advertisements ...	19	5	11	125	13	9
Printing and Stationery ...	108	10	1	113	16	0
Law Expenses ...	516	0	0			
Interest and Payment of Loans ...	5,958	10	7			
School Board of London ...	22,581	11	8			
Carriage Hire and Committee Expenses ...	57	19	6	17	3	0
Inspectors for Extra Duties ...	40	0	0			
Vestry Messenger—Wages ...	127	10	0			
Officer's Salaries ...	1,558	15	0	87	10	0
Superannuations ...	10	16	8	5	8	4
Sundries ...	308	7	9	302	9	4
Petty Cash—Incidental ...	215	15	6			
Wages for Weekly Labourers ...	13,453	12	0			
Mr. William Storr, Opposing Floods Bills ...	157	10	0			
	£95,277	15	8½	13,712	16	10½

				£	s.	d.
March 25th, 1877.						
Brought on Balance last Audit	...	...		2,025	0	3½
March 25th, 1878.						
Balance	...	...	...	2,093	6	6½
				<u>£4,118 6 10</u>		

*Abstract of Account**In respect of the Year*

				£	s.	d.
25th March, 1877.						
Balance last Audit brought on	...	...		2,381	0	6
December, 1877.						
Cash on Mortgage of the Sovereign Life Office				6,000	0	0
				<u>£8,381 0 6</u>		

*Jetty and Wharf**In respect of the Year**General Purposes. (Continued.)**Special Liabilities on Account of General Purposes, New Paving and Wharf.*

				£	s.	d.
25th March, 1878.						
To Balance of Mortgage repayable with Interest at 3¼ per Cent. by 15 Yearly Instalments	...	...	...	2,800	0	0
To Loan repayable with Interest at 3¼ per Cent. by 7 Yearly Instalments	...	...	...	11,000	0	0
To Balance repayable with Interest at 4¼ per Cent. by Six Annual Instalments	...	...	...	8,333	6	8
To Loan repayable with Interest at 4¼ per Cent. by 5 Annual Instalments	...	...	...	6,000	0	0
				<u>£28,133 6 8</u>		

*Tar Paving Loan.**ending 25th March, 1878.*

				£	s.	d.
March 25th, 1878.						
Tar Paving Works	...	...	...	4,118	6	10
				<u>£4,118 6 10</u>		

*Loan Account.**ending 25th March, 1878.*

				£	s.	d.
March 25th, 1878.						
Construction of Wharf Premises and Plant,						
Horses, Carts, &c.	...	...	...	4,737	3	5
Balances	...	...	...	3,643	17	1
				<u>£8,381 0 6</u>		

High Street, Vauxhall,

1877.			
July 28th.	£	s.	d.
Loan of Metropolitan Board of Works...	11,000	0	0
	£11,000	0	0

*Abstract Account**In respect of the Year*

Balance carried on ...	£1,732	9	6½
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1878.	Cash Account.	Monies Owning to Vestry.
March 25th	£ s. d.	
Of Overseers on Precept ...	14,000 0 0	900 0 0
Of Ditto for Metropolitan Board's Precept ...	20,808 18 4	
Drainage Fees ...	2,041 11 11	
Penalties, &c. ...	27 18 6	
New Works ...		1,937 9 8
Cash—Treasurer ...		1,302 1 0

£36,878	8	9	4,139	10	8
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Paving Loan.

1878.			
March 25th.	£	s.	d.
Mowlem & Company—Paving ...	3,500	0	0
On Deposit at Bank ...	7,500	0	0
	£11,000	0	0

*of Sewers.**ending 25th March, 1877.*

1877.			
March 25th.			
Balance last Audit brought on ...	389	11	10½
Sewers Work ...	796	16	10
Income Tax ...	27	10	7
Water for Urinals ...	17	10	0
Disinfectants ...	103	15	4
Bedding ...	145	10	6
Bed Burning ...	24	3	0
Disinfecting ...	200	0	0
Registrars of Deaths—Fees ...	19	16	11
Sundries ...	7	14	6
	£1,732	9	6½

ending 25th March, 1878.

1878.	Cash Account.	Liabilities.
March 25th	£ s. d.	
Balance brought on ...	1,732 9 6½	
Sewers Works ...	2,534 9 2	508 15 8
Interest and Payment of Loans	7,469 14 11	
Income Tax ...		29 5 9
Registrars Fees ...	52 18 0	20 0 4
Disinfecting ...	929 6 1	102 10 4
Disinfectants ...	71 1 11	24 2 10
Water for Urinals ...	38 14 6	
Bedding ...		70 18 3
Metropolitan Board's Precept	20,808 18 4	
Carriage Hire, &c. ...	4 2 6	
Analyses ...	74 0 0	
Salaries ...	425 0 0	
Wages—Weekly Labourers ...	1,328 12 9½	
Sundries ...	48 11 6	40 9 8
Petty Cash—Incidentals ...	58 8 6	
Balances ...	1,302 1 0	3,343 7 10
	£36,878 8 9	4,139 10 8

*Statement of Expenditure by the Vestry under distinct heads in
respect of the Year ended 25th March, 1878.*

GENERAL PURPOSES.

							£	s.	d.
Payments as per preceding Statement	...	...	...	...	...	...	95,486	5	11
Liabilities	...	...	...	...	...	...	13,695	8	3

SEWERS.

Payments as per preceding Statement	...	...	...	...	...	...	33,843	18	2
Liabilities	...	...	...	...	...	...	796	2	10

LIGHTING.

Payments as per preceding Statement	...	...	...	...	...	...	10,629	16	3
Liabilities	...	...	...	...	...	...	3,647	3	11

Wharf Expenditure	...	...	...	...	...	...	4,737	3	5
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£162,835 18 9

GENERAL SUMMARY

Of Expenditure by the Vestry for the Year ended the 25th March, 1878, including Liabilities to that date.

	£	s.	d.
Road Materials and Paving Works	40,943	11	8
Teams, Cartage and Barging Slop	8,604	14	11
Water Carting	3,827	3	4
Water for Roads	2,406	5	11
Dust Carting and Barging	4,712	11	0
Smiths' Work and Tools	909	19	11
Rents of Depôts and Wharves	931	1	0
Steam Roller, Repairs, Fuel, Oil, Paint &c.	350	7	4
Carriage Hire and Committee Expenses	133	3	6
Rates and Taxes	167	1	1
Printing and Stationery	222	6	1
Advertisements	144	19	8
Legal Expenses, and Parliamentary Agency	556	7	6
School Board of London, Precept	22,581	11	8
Interest and payment of Loans	13,428	5	6
Officers' Salaries	2,146	5	0
Superannuations	16	5	0
Sundries	753	11	0
Wages paid Weekly for Labour	14,782	4	9
Ditto, to Vestry Messenger	127	10	0
Petty Cash Incidentals	295	18	11
Jetty and Wharf Expenditure	4,737	3	5
Sewer Works General Contract	3,043	4	10
Works Preventing Flooding at High Tides	548	6	8
Corn and Fodder	131	8	9
Registrars of Deaths, Fees	72	18	4
Income Tax	29	5	9
Disinfectants and Disinfecting Expenses	1,127	1	2
Water for Urinals	38	14	6
Bedding to replace that Destroyed	70	18	3
Metropolitan Board of Works, Precept	20,808	18	4
Analyst's Fees	74	0	0
Gas for Public Lamps &c.	14,112	14	0
	<u>£162,835</u>	<u>18</u>	<u>9</u>

CHARLES GROVES,
Assistant Clerk and Accountant to the Vestry.

*Lambeth**Cash Statement from*

1878.	£	s.	d.
To Balance brought forward	206	3	10
To Cash Interment Fees	2,367	14	6
„ Turfing Graves	129	10	6
„ Still Born Interments	35	3	6
„ Purchase of Graves	312	4	0
„ Grants of Graves	24	15	0
„ Certificates of Burial	23	5	0
„ Sundry Charges	66	3	0
„ Grass at Cemetery	20	0	0

£3,184 19 4

*Burial Board.**1st April, 1877, to 31st March, 1878.*

1877	£	s.	d.
By Cash—Wages, Grave Digging, &c.	620	3	10
„ Goods, Repairs, &c.	117	11	2
„ Printing Stationery, Postage, &c.	45	7	6
„ Rates, Taxes, and Insurance... ..	52	3	6
„ Salaries	250	0	0
„ Coach Hire, Boards' Expenses	59	8	10
„ Planting Additional Land at Cemetery	25	1	8
„ Returned Fees	23	2	6
„ Petty Disbursements	12	13	7
„ Loan Account	810	0	0
„ Churchwardens' Commutation	100	0	0
„ Minister's Fees, Unconsecrated	177	6	6
Minister's Fees—			
St. Mary's District	199	17	9
St. John's	30	6	0
St. Mark's	56	5	0
St. Matthew's	16	1	0
St. Luke's	4	3	0
Rev. Lewis Morgan	206	7	6
			513 0 3
Balance—			
London & Westminster			
Bank	361	15	6
Wages Account	13	18	8
Petty Cash	3	5	10
			379 0 0
			£3,184 19 4

Having Audited the Accounts of the Burial Board for the year ending 31st March, 1878, we hereby Certify them to be correct, and we wish further to record our approval of the manner in which the Books and Accounts are kept.

Dated this 23rd May, 1878,

FREDK. GEO. STEANE,	} <i>Auditors.</i>
G. HOWLETT,	
C. HUTCHISON,	
WM. THOS. WISEMAN,	
JOHN HENRY HAY,	

OFFICERS OF THE VESTRY.

Medical Officer of Health.

Dr. ARCHER FARR, Effra House, Brixton.

Vestry Clerk.

Mr. THOMAS ROFFEY, No. 125, Kennington Road.

Assistant Clerk and Accountant to the Vestry.

Mr. CHARLES GROVES, No. 80, Upper Kennington Lane.

Surveyor to the Vestry.

Mr. HUGH McINTOSH, No. 208, Clapham Road.

Inspectors of Nuisances.

JOHN BAXTER, No. 2, Walnut Tree Walk.

GEORGE COXHEAD, No. 4, Walnut Tree Walk.

RICHARD EMBLIN, No. 2, Albert Terrace, Thornton
Street, Brixton Road.

ROBERT BOTT, No. 84, Cowley Road, Brixton.

PARISH OF LAMBETH.

METROPOLIS LOCAL MANAGEMENT ACT.

LIST OF VESTRYMEN, MAY, 1878.

Rev. JOHN F. LINGHAM, M.A., Rector.
Messrs. WILLIAM BURRUP, JOSEPH EBENEZER COX, JOHN HILL,
and HENRY EVANS,
Churchwardens for the time being.

Representatives of the Vestry at the Metropolitan Board of Works.

ROBERT TAYLOR, Esq., and
FRANCIS HAYMAN FOWLER, Esq.

No. 1, or NORTH MARSH WARD.

FREDERICK GAMMON, 14, Edward Street, York Road
PHILIP FROUD, 32, York Road, Lambeth
JOHN WM. GRIGG, 73, Cornwall Road, Lambeth
JOHN MILLS, 99, Brixton Road
ROBERT WILLIAM MARTIN, 150, Stamford Street
THOMAS TOMS, 58, York Road
HENRY EVANS, 248, Westminster Bridge Road
WALTER HOPEKIRK, 238, Westminster Bridge Road
HENRY CONRAD AHRBECKER, 117, Stamford Street
FREDERICK AUGUSTUS HARVEY, 121, Stamford Street
HENRY CLEMENCE, 27, Waterloo Road
HENRY RICHARD BAX, 242, Westminster Bridge Road

No. 2, or SOUTH MARSH WARD.

BENJAMIN LOCKWOOD, 68, New Cut (for one year)
JOHN HILL, 2 to 7, New Cut
GEORGE HILL, 154, Westminster Bridge Road
JAMES SAXBY JARVIS, 192, Lambeth Road
JOHN RICHARD DOUBLEDAY, 121, Westminster Bridge Rd.
GEORGE WILLIAM BARNARD, 167, Westminster Bridge
Road
JOHN DUNKIN, 132, Westminster Bridge Road
ISAAC DAVIS, 44 & 46, Kennington Road
CHARLES WM. SMITH, 203, Westminster Bridge Road

No. 3, or BISHOP'S WARD.

JOHN HOSKING, 28 & 29, Broad Street, (for one year)
EDWARD DREW, 29, Lambeth Walk
HENRY COPLEY, 55, Union Street, Lambeth Walk
FREDERICK TURNER, 29, Ward Street
EDWARD TERRY, 54, Lambeth Walk
SAMUEL SANSOM, 162, Kennington Road
DAVID LINDSAY LOWSON, 164, Kennington Road
JOHN WILLIAM STRATTON, 15, Regent Street, Lambeth
STEPHEN ANTHONY DELLA ROCCA, 123, Lambeth Walk

No. 4, or PRINCE'S WARD.

JOHN BENNETT, 163, Lower Kennington Lane
 WILLIAM HENRY FORMAN, 265, Kennington Road
 CHARLES HEARSON, 214, Upper Kennington Lane
 HENRY WHITE, 262, Kennington Road
 GEORGE MOORE, 32, Kennington Park Road
 SAMUEL WAITE, 307, Kennington Road
 CORBETT WOODALL, 71, Upper Kennington Lane
 CHARLES ARNOLD, 32, Albert Embankment
 FREDERICK S. A. FRANCE, 317, Kennington Road
 JAMES HARDING, 23, Upper Kennington Lane
 THOMAS SHARPLEY, 194, Upper Kennington Lane
 WM. ANDERSON COURTIER, 71, Lower Kennington Lane
 HENRY KEMSHEAD, 46, Lower Kennington Lane
 CHARLES WHITE, 262, Kennington Road
 THOMAS SALUSBURY PRICE, 155, Lower Kennington Lane
 WALTER WILDISH, 179, Lower Kennington Lane
 JOHN MANN, 135, Kennington Road
 WILLIAM HULL, 58, Kennington Park Road

No. 5, or VAUXHALL WARD.

THOMAS CURTIS, 38, Clapham Road (for one year)
 WILLIAM S. WALLACE, 11, Church Rd. Brixton (for 1 year)
 FRANCIS HAYMAN FOWLER, The Lodge, Brixton Oval
 WILLIAM BURRUP, 113, Vassall Road
 CHARLES CROSS, 182, Brixton Road
 EDWARD KING, 7, Clapham Road
 THOMAS WILLIAM LONG, 84, Brixton Road
 JOHN SMITH, 94, Lansdowne Road
 GEORGE HOWLETT, 329, Wandsworth Road, (for 2 years)
 JOHN WILLIAM DRAKE, 123, Clapham Road
 SAMUEL BRANDON GARDINER, 12, Larkhall Lane
 GEORGE JOSEPH MARSHALL, 42, Clapham Road
 FREDERICK NASH, 349, Wandsworth Road
 THOMAS MITCHELL, 41, South Lambeth Road
 GEORGE JOSHUA TEAR, 12, Clapham Road
 WILLIAM HENRY ARMSTRONG, 92, Camberwell New Rd.
 CHARLES WILLIAM ANDREW, 22, Brixton Road
 WILLIAM REDDISH, 148, Clapham Road
 ROBERT KILBY BURSTALL, 337, Clapham Rd. (deceased)
 JOSEPH EBENEZER COX, 37, Richmond Terrace
 WILLIAM MARTYN SYMONS, 7, South Lambeth Road
 WILLIAM THOMAS MARSH, 198, Clapham Road
 SAMUEL EDWARD SARNEY, 34, Brixton Road
 AMOS CAVE, 6, Cornwall Road, Brixton

No. 6, or STOCKWELL WARD.

CHARLES FOWLE, 218, Clapham Road
 ARGUSTUS MATTHEW GODDARD, 28, Stockwell Road
 JOHN BOLTON, Love Lane, Stockwell
 EDWARD WALTHAM, Stockwell Green
 JOSEPH JOHN SMITH, 32, Stockwell Road
 ROBERT GEORGE COOPER, 26, Stockwell Road
 GEORGE GOBLE, 6, Bedford Road
 JOHN FENTON, 304, Brixton Road

No. 6, or STOCKWELL WARD. *(Continued.)*

WILLIAM PERRY, 237, Clapham Road
 GEORGE STAMP, Stockwell Road
 THOMAS HATTON, 117, Stockwell Road
 HENRY MALLET, 233, Clapham Road
 WILLIAM W. WESTLEY, 143, Stockwell Road
 JOHN LAUGHTON ANDERSON, 75, Landor Road
 CHARLES HAMMERTON, Stockwell Green

No. 7, or BRIXTON WARD.

BLANFORD NEIGHBOUR, 68, Wiltshire Road
 HENRY SMALLMAN, 5, Hammelton Crescent, Brixton Rise
 ALFRED BAROUGH, 355, Brixton Road
 JOHN THOMSON, 12, Elgin Gardens, Effra Road
 JOHN CORKE, Hamilton Villas, Dulwich Road
 RICHARD CALLINGHAM, 311, Brixton Road, (for 1 year)
 JAMES DAVIS, 2, The Terrace, Kennington Pk. (for 1 year)
 PETER WILLIAM FUNNELL, 53, Loughborough Park Road
 JAMES FREDERIC REID, 13, Lambert Road.
 ROBERT COCKS, 35, Somerleyton Road
 JAMES TAYLOR, 369, Brixton Road
 JAMES CHURCHYARD, 1, Gresham Road
 GEORGE SHREWSBURY, 53, Barrington Road
 HENRY JOHN SMITH, 12, Angell Park Gardens
 JAMES WOOD, 453, Cold Harbour Lane
 ROBERT PARKER TAYLOR, 37, Loughborough Road
 THOMAS POUNTNEY, 18, Barrington Road
 HENRY DANN, 2, The Avenue, Acre Lane
 HENRY T. GIBBS, 311, Cold Harbour Lane
 FREDERICK ROBERT ROSE, 53, Wiltshire Road
 CHARLES JOHN ADAMS, 14, Dulwich Road

No. 8, or NORWOOD WARD.

HENRY AKERMAN, Rosendale Road, West Dulwich
 HENRY BYSH, 5, Alexandra Road, Gipsy Hill
 WILLIAM BRAHAM, 93, Upper Tulse Hill
 JOHN BILL, 1, Park Terrace, Lower Norwood
 ALFRED C. DROUET, High Street, Lower Norwood
 WILLIAM HONEY, Osborne House, Lower Norwood
 CHRISTOPHER NANSON, Osborne Lodge, Tulse Hill, (for
 2 years)
 WILLIAM JACKSON, Knight's Hill Road, Lower Norwood
 JAMES THOMAS, 6, Lancaster Road, Lower Norwood
 CHARLES CROSS DAVENPORT, Brighton Villas, Norwood
 Road
 JOSEPH SQUIRE, Westow Hill, Upper Norwood
 WILLIAM CHARLES COLLINS, 113, Lower Tulse Hill

THOMAS ROFFEY,

Clerk to the Vestry.

The Vestry of the Parish of Lambeth.

METROPOLIS MANAGEMENT ACT,

18th & 19th Vic., cap. 120.

Notice is hereby given, that, in accordance with the provisions of the above-mentioned Act, the Vestry has the entire power and control in all matters affecting Sewers and Drains ; and it is required, that before beginning to lay, or dig out, the foundation of any new House or Building, or to re-build any House or Building, and also before making any Drain for the Draining, directly or indirectly, into the Sewer ; seven days' Notice in writing shall be given to the Vestry by the person intending to build or re-build such House or Building, or to make such Drains, and that the work shall be done under the survey and control of the Vestry, in such manner as they may direct.

That in all cases of Alterations, Stoppages, Re-constructions, and Repair of existing Drains, Notice shall be given to the Vestry, and their sanction obtained previous to the work being done.

That no Bricks, Building Materials, &c., be laid in any Street, or Lime slackened for the purpose of making Mortar, without the same being protected by a proper and sufficient hoarding.

That no person or persons shall wheel any Truck or Barrow upon the Footpath of any Road or Street.

That all persons causing obstructions to the Traffic on the Footpaths or Carriage-ways by placing Goods, &c., thereon for sale, will be proceeded against for such offence.

That no Pavement or surface of any Street shall be broken up or disturbed, and that no Hoarding or Scaffolding shall be erected, without the previous consent of the Vestry.

All Applications, Notices, and Complaints, are to be made or forwarded to the Vestry Hall, Kennington Green, where information may be obtained on these matters.

(By Order),

THOMAS ROFFEY,

Vestry Clerk.

