

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

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Limehouse (London, England). Board of Works.

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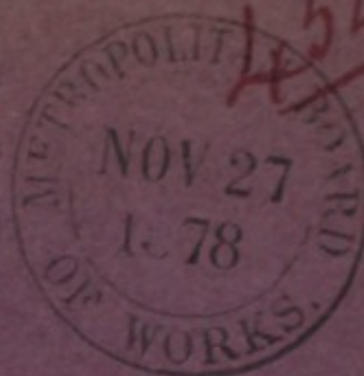
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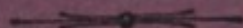
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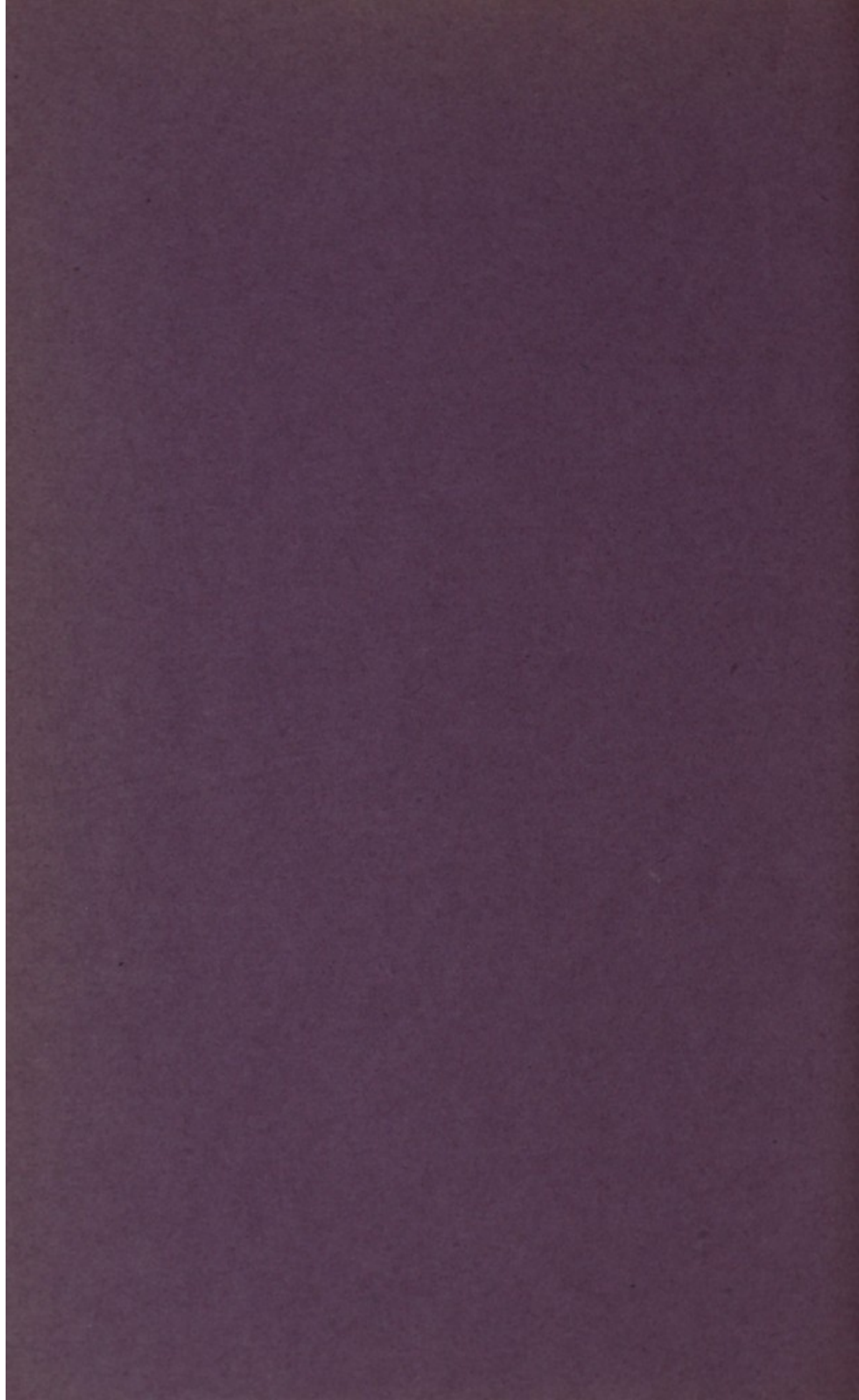
BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.



*REPORT of the MEDICAL OFFICER of HEALTH for
the year 1877.*



TO THE

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

GENTLEMEN,

I have the honour to submit to you my Report on the Health and Sanitary condition of your District during the year 1877.

During that period there were registered 2,146 Births and 1,287 Deaths ; from this latter number must be deducted the number of deaths of persons not belonging to the District, but who died within its boundaries, and to the result must be added the number of deaths of persons, who though belonging to the District, died without its boundaries. The resulting number will represent the total mortality for the year, thus—

Total Deaths registered	...	...	...	...	1,287
Deduct number of non-residents who died within					
the District	...	...	...	...	43
					1,244
Add number of residents who died without the					
district	...	...	...	...	269
Total number of Deaths	...	...	...	...	1,513

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It is upon this number that all the calculations in the following pages are based.

In order to arrive at a correct appreciation of the value of the foregoing figures, and of those which are to follow, I deem it expedient to state at this stage of my report, that I estimate the population of the Limehouse District at 60,000 persons. Assuming this number as correct, we shall find that the birth-rate of the District during the year was 35 per 1,000 of the population, and that the death-rate was 25 per 1,000.

The deaths of children under five years constitute 45 per cent. of the total mortality. In this respect there is an improvement of the public health ; the deaths in the corresponding section of the population during the year 1876, being 53 per cent. of the total mortality, and the average of the seven years, 1869-75, being 50 per cent.

The total number of deaths in Public Institutions which concern your District was 341.

The deaths from the seven principal Zymotic diseases, were as follows :—

Smallpox ...	...	...	89
Measles ...	...	...	71
Scarlet Fever ...	...	...	20
Diphtheria ...	...	...	5
Whooping Cough...	...	...	47
Fever ...	...	...	22
Diarrhoea ...	...	...	66
Total...			320

The deaths per 1,000 of the population from the above named causes, were at the rate of 5.3., and the proportion of deaths from these causes to every 1,000 deaths was 211.

Pulmonary diseases destroyed 267 lives, thus occasioning a mortality of 4.4 per 1,000 population, and giving a proportion of deaths to 1,000 deaths of 176 ; that is to say, that for every 1,000 deaths registered from all causes, 176 of them were due to diseases of the Pulmonary organs.

Diseases of a Tubercular character caused the death of 176 persons ; the deaths per 1,000 of the population from these causes were three, and the proportion of deaths to 1,000 deaths was 116.

The Wasting diseases of infants, such as Marasmus, Atrophy, Debility, and Premature Birth, caused the destruction of 91 lives ; the deaths per 1,000 of the population from these diseases were 1.5, and the proportion of deaths to 1,000 deaths was 60.

The Convulsive disease of infants are credited with 112 deaths this number indicates a mortality per 1,000 population of 1.8, and a proportion of 74 for every 1,000 deaths registered.

Of all these diseases, the one that claims our special attention is Smallpox, and it is to that disease that I now beg to draw your attention. Already in the Autumn of 1876 symptoms of its advance began to be observed ; and before the year was ended, we found ourselves assailed by it in an epidemic form. With the new year the disease increased, and in the month of January alone 64 cases were reported to me. Information of these cases was given

to me principally by the Officials of the Stepney Union. In every instance where it was practicable, the removal of the sick was urged, and in the majority of cases effected. These removals were conducted by the Officers of the Stepney Union, and the patients were removed to the Hospitals under the control of the Metropolitan Asylum District Board. Every possible disinfection was practised, the premises were fumigated, clothing, bedding, &c. disinfected by heat, in the disinfecting chamber belonging to the Board ; the drains were flushed frequently with disinfectants, and a large quantity of infected clothing, not suitable for disinfection, destroyed, and notices served upon the owners of infected premises for the cleansing of the same. During the year 402 cases were reported to me, and 3,420 articles were disinfected in the apparatus of the Board. For the number of houses disinfected, notices served, and other works of a sanitary character, I beg to refer you to Table 7 in the Appendix. As stated above, the removals were effected by the Union Officers to Hospitals, designed more especially for the use of the destitute, and considerable embarrassment was felt in so dealing with many of the cases that occurred, which were decidedly not destitute. You are, of course, aware that by the Sanitary Act of 1866, you are empowered to provide Hospital accommodation in your District for persons suffering from infectious diseases, and you are also given power to provide means of transit thither, but owing, principally to the difficulty of obtaining sites for the erection of these Hospitals, this Section of the Act has, with one or two exceptions, where the Sanitary Authority has had the good fortune, on account of the locality, to be able to provide these

Hospitals, been a dead letter. However, your Sanitary Committee had under its consideration frequently the possibility of providing such accommodation, but the obstacles to such provision appearing almost insurmountable, an understanding was come to with the Guardians, whereby all cases were removed, whether belonging to the destitute class or not. The question of provision of Hospital accommodation for the non-destitute class by the Sanitary Authority, being one that requires, and will receive at your hands careful consideration, I will content myself for the present, by saying that I am of opinion that such provision could be best made by some central Authority of a representative character.

The following table, shewing the number of cases that occurred in each month, will give you some idea of the progress of the disease during the year :—

In January 64 cases were reported.

February	36	„	„
March	31	„	„
April	36	„	„
May	61	„	„
June	21	„	„
July	18	„	„
August	7	„	„
September	1	„	„
October	5	„	„
November	48	„	„
December	74	„	„
Total ...	402		

Regarding the invasion of the disease, I can only say what I have said many times before, that I consider it due to neglect of vaccination and re-vaccination, and the inefficient performance of primary vaccination. As regards the neglect of vaccination, I have not much to say—the Vaccination Acts are, I believe, acting satisfactorily, and at the present time I have reason to hold the opinion that a very small per centage of children escape vaccination entirely. The protection afforded, however, by this first vaccination is not lifelong, and for a person to be thoroughly protected, he should undergo the operation a second time, at or about the period of puberty. I am not stating the fact too strongly, when I say that a person properly vaccinated in infancy, and re-vaccinated at puberty, is practically Smallpox proof for life. With regard to inefficient vaccination, I may state here, that I consider no vaccination efficient unless it has been performed in at least four places.

Dr. Gayton, the Medical Superintendent of the Homerton Smallpox Hospital, writing of the epidemic, says: "The great contrast between the vaccinated and the unvaccinated is unmistakable and incontrovertible, and the same remark holds good as regards the vaccinated also, the difference in the latter being, that in some of them, the disease is of a mild form, in others, most severe, sometimes terminating in death." Thus, of 183 having one good mark, 19 died; of 461 with two good marks, 17 died; of 331 with three good marks, 10 died; of 222 with four or more good marks, 4 died, giving an average rate of mortality of 10.38 per cent., 3.68 per cent., 3.20 per cent., and 1.80 per cent. respectively, or taking all good cicatrices together, whether they be one, two,

three, four or more, we find that only 3.57 per cent. die. With imperfect marks, there were 2,165 cases, of whom 247 died, making the mortality 11.40 per cent., the average mortality being, with one cicatrix, 15.93 per cent., with two cicatrices, 11.52 per cent., and with three cicatrices, 7.90 per cent., and with four or more cicatrices, 5.75 per cent. ; of those stated to have been vaccinated, but without evidence, 674 have come under notice, of whom 194 died, or at the rate per cent. of 28.78, and lastly 1,243 were confessedly unvaccinated, and of these 574 died, or at the rate of 46.17 per cent.

Speaking of the value of re-vaccination, Dr. Gayton says: "I am unable to give any copious statistics with regard to re-vaccination. I simply find that during the time I have been connected with this Hospital, 13 only have been admitted, who stated that they had undergone the operation the second time, and in these cases I was only able to discover ocular proof of five, one of whom suffered from an extremely severe attack of Smallpox. That one only amongst the large number of nurses and others who have been occupied here (and in her case the operation was neglected) should have contracted the disease is, or should be, convincing proof enough of its great and almost certain prophylactic influence."

Dr. Collie, the Medical Superintendent of the Fever Hospital, says of the cases of Smallpox that came under his care: "That the unvaccinated died at the rate of 53 per cent. ; that the badly vaccinated died at the rate of 26 per cent. ; that the fairly well-vaccinated died at the rate of 2.3 per cent., and that but one death

occurred in any person under 16 years of age who showed two good cicatrices of vaccination, and after 16, only three such persons died."

Dr. Fox, the Medical Superintendent of the Fulham Smallpox Hospital, writes as follows :—" Firstly, not a single patient died out of 51 admitted, who had four or more marks of whatever quality they were : further, they were all mild cases, and with one or two exceptions, all above puberty, *i.e.*, the effect of vaccination was wearing out. Secondly, whereas the unvaccinated died at the rate of 43.54 per cent., the vaccinated (and many had the merest apology for vaccination marks) died at the rate of 7.6 per cent. Thirdly, that as the number of marks increase, especially if they be of good quality, so the protection increases, as shown by lessened per centage of deaths, and number of admissions." These remarks, based not upon theory, but the outcome of extensive practice and acute observation, should carry conviction to every unbiassed mind.

For a list of the infected localities in your District, I beg to refer you to Table 6 in the Appendix.

Sanitary Work.

For a detailed account of the Sanitary work performed in the District during the year by the Inspectors, I beg to refer you to Table 7 in the Appendix.

Many questions of Sanitary importance presented themselves to me for solution, and among them I may mention more particularly

the question of the ventilation of the sewers in your District. The importance of the successful solution of this question is undeniable. London is undermined with sewers, and into them is discharged animal matter, frequently of an infectious character, which, if not speedily carried away, passes into a condition most injurious to human life. If the sewers are not properly and efficiently ventilated, the gases contained in them acquire sufficient pressure to force the ordinary traps of house drains, and find their way into our dwellings, carrying with them the means of generating Enteric Fever, Diphtheria, and possibly other diseases of a like character. On the other hand, the measures adopted for ventilating the sewers, allow the contained gases to escape into our thoroughfares, where they vitiate the atmosphere far and wide. The ventilation of the sewers being a matter of necessity, the question to be solved is, how can it be performed with the least possible annoyance and danger to the public. I am of opinion that an arrangement of apparatus whereby the sewer emanations could be subjected to the influence of a high temperature, or conducted to a height of some feet above the highest windows of our houses, would be an effectual method of dealing with the question.

Tenbury Place came under my notice several times during the year, and I am glad to be able to inform you that the Sanitary condition of this place is much improved.

Harris' Court and the courts in its immediate vicinity, respecting which I made a representation under the provisions of the Artisans' Dwellings' Act, to the Metropolitan Board of Works, still remain, though curtailed very materially in extent; some of the most objectionable houses have been pulled down, and a Board School and other buildings erected on the site. A portion, however, of the area comprised in my representation still remains, and is decidedly in an unhealthy condition.

Brooksby's Blood Boiling Works were inspected by me on more than one occasion; the improvements introduced into these works have reduced to a minimum, if they have not entirely obviated, the nuisance originally complained of.

The Cow-houses and Slaughter-houses were inspected previous to the day of licensing the same, and the Sanitary improvements required in some of them having been executed, the licences were again granted.

Gun Square was found to be in a most unsatisfactory condition; ultimately the houses were pulled down and re-built.

Various other localities and factories came under my personal observation during the year, among which I may mention Messrs. W. W. & R. Johnson's Lead Works; Juniper Row, Shadwell; Willow Row, Ropemakers' Fields; and certain premises in White Horse Street, ascertained to be without drainage. All these were dealt with in accordance with their respective requirements.

Sale of Food and Drugs Act.

Eighty-two samples of articles of daily consumption were analysed during the year, viz., 23 of bread, 3 of flour, 16 of milk, 12 of tea, 7 of coffee, 3 of pepper, 6 of mustard, 2 of vinegar, 3 of arrowroot, 3 of butter, 2 of porter, and 2 of ale. All the samples of bread, flour, coffee, pepper, vinegar, arrowroot, tea, porter, and ale were genuine; 2 of the milks were adulterated with water to a slight extent; 2 of the mustards were mixed with wheaten flour. All the butters were largely adulterated with other fat.

I am,

GENTLEMEN,

Your obedient Servant,

GEORGE ARTHUR ROGERS,

Medical Officer of Health,

and Food Analyst.

Board of Works Office, 1878.

TABLE I.

Shewing the Population, Inhabited Houses, Births, Deaths, and Marriages for the Year 1877, and 10 years preceding.

GROSS NUMBERS.

Population estimated at the middle of the year 1877.	No. of Inhabited Houses in Parish or District.	Births.	Deaths.	Marriages.
600,000.	7,820.	2,146	1,513.	527
1876	7,820	2,202	1,434	522
1875	7,820	2,167	1,518	593
1874	7,820	2,082	1,361	624
1873	7,816	2,070	1,483	606
1872	7,816	2,048	1,096	608
1871	7,816	2,082	1,227	579
1870	7,462	1,980	1,236	578
1869	7,462	1,938	1,513	526
1868	7,462	2,055	1,335	554
1867	7,462	2,029	1,176	657
Average of 10 yrs. 1867—76	7,675	2,065	1,337	584

NOTES.

1. Population at Census 1871, 57,690.
2. Area in Acres, 576.
3. Average No. of Persons in each house at Census 1871, 7.5.

TABLE II.

Shewing the Annual Birth Rate, Rate of Mortality, Death Rates among Children, and Deaths in Public Institutions, for the Year 1877, and 8 Years preceding.

	Birth Rate per 1,000 of the population.	Annual Rate of Mortality per 1,000 living.	Deaths of Children under 1 year; per per centage of Total Deaths.	Per centage of deaths of Children under 1 year to Registered Births.	Deaths of Children under 5 years; per centage of Total Deaths.	Total Number of Deaths in Public Institutions.
1877	35	25	24	16	45	269
1876	37	24.5	29	17	53	250
1875	37	25.8	28	19	47	204
1874	36	21	25	16	46	176
1873	36	23	27	19	50	200
1872	35	19	29	15	52	190
1871	34	21	26	16	48	190
1870	35	21	28	17	50	190
1869	32	25	28	22	57	190
Average of 8 years 1869-1876	35	22.5	27	17.6	50.3	199

TABLE III.

Deaths Registered at several groups of Ages from all Causes during the Year 1877.

Note.—The Deaths in Public Institutions of non-Residents are excluded.

Cause of Death.	AGES.															Total under 5 Years.	Tot
	Under 3 months	0 to 1/2	1 to 2	2 to 5	5 to 15	15 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 to 95	95 and upwards			
CLASSES.																	
I. Zymotic Diseases	33	86	70	77	21	11	8	10	8	4	1	2	..	..	266	35	
II. Constitutional Diseases	12	28	25	13	11	17	29	29	22	14	6	1	..	..	78	20	
III. Local Diseases	51	75	78	43	25	11	15	36	61	62	47	17	6	..	247	52	
IV. Developmental Diseases	37	15	10	2	1	3	4	6	..	2	5	17	4	1	64	10	
V. Violent Deaths	11	5	1	7	7	9	11	10	5	2	..	..	..	..	24	6	
Not specified or ill-defined	1	2	1	..	..	..	..	..	..	..	..	..	..	..	4	..	
TOTALS	145	211	185	142	65	51	67	91	96	84	59	37	10	1	683	124	
Class I. ZYMOTIC DISEASES																	
Order 1.—Miasmatic.																	
1 Smallpox.....	3	4	5	11	4	7	5	3	..	..	..	..	..	..	23	4	
2 Measles	..	15	27	28	1	..	..	..	..	..	..	..	..	..	70	7	
3 Scarlet Fever (Scarlatina)	..	3	5	6	4	1	..	1	..	..	..	..	..	..	14	2	
4 Diphtheria	..	1	1	1	2	..	..	..	..	..	..	..	..	..	3	..	
5 Quinsy.....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	
6 Croup	2	6	7	7	1	..	..	..	..	..	..	..	..	..	22	2	
7 Whooping Cough.....	..	18	15	13	1	..	..	..	..	..	..	..	..	..	46	4	
8 { Typus Fever	..	1	1	2	2	1	..	1	1	..	..	..	..	..	4	..	
{ Enteric or Typhoid Fever.....	..	..	..	2	3	..	2	1	..	..	..	..	..	..	2	..	
{ Simple continued Fever	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1	..	
9 Erysipelas	..	1	..	..	..	1	..	1	..	1	..	1	..	..	1	..	
10 Puerperal Fever (Metria)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
11 Carbuncle	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
12 Influenza	..	..	..	..	..	..	..	..	..	..	..	1	..	..	..	..	
13 Dysentery	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	
14 Diarrhoea	15	32	9	5	..	1	..	2	1	1	..	..	..	..	61	6	
15 Cholera	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
16 Ague.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
17 Remittent Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
18 Rheumatism	1	..	..	..	..	..	..	2	1	1	1	..	..	..	1	..	
19 Other Zymotic Diseases.....	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1	..	
Order 2.—Enthetic.																	
1 Syphilis	9	3	..	..	..	..	..	..	..	..	..	..	..	..	12	1	
2 Stricture of Urethra	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
3 Hydrophobia.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
4 Glanders	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Order 3.—Dietic.																	
1 Privation.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2 Want of Breast Milk	1	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	
3 Purpura and Scurvy	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	
4 Alcoholism (a. Del. Tremens..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
b. Intemperance	..	..	..	..	..	..	1	2	..	..	..	..	..	..	..	..	
Order 4. Parasitic.																	
1 Thrush.....	2	2	..	..	..	..	..	..	..	..	..	..	..	..	4	..	
2. Worms, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Class 2. CONSTITUTIONAL DISEASES																	
Order 1.—Diathetic.																	
1 Gout.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
2 Dropsy.....	..	..	..	..	1	..	3	1	..	1	..	..	..	..	..	..	
3 Cancer	..	..	..	..	..	..	..	6	3	7	2	..	..	..	..	1	
4 Cancrum Oris (Noma)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
5 Mortification	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
Order 2.—Tubercular.																	
1 Scrofula	..	1	2	..	..	..	..	..	..	..	..	..	..	..	3	..	
2 Tabes Mesenterica	7	21	15	6	2	1	..	..	..	..	..	..	..	..	49	5	
3 Phthisis	5	2	6	6	8	16	26	22	19	6	4	1	..	..	19	12	
4 Hydrocephalus	..	4	2	1	..	..	..	..	..	..	..	..	..	..	7	..	
Class 3. LOCAL DISEASES.																	
Order 1.—Nervous System.																	
1 Cephalitis	2	5	11	10	5	..	1	..	1	1	..	..	..	..	28	3	
2 Apoplexy	..	..	..	..	..	..	..	3	8	7	2	1	..	..	..	2	
3 Paralysis.....	..	..	1	..	..	..	..	1	1	..	5	1	1	..	1	10	
4 Insanity	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
5 Chorea.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	
6 Epilepsy	..	..	..	..	2	..	..	..	1	..	..	..	..	..	..	..	
7 Convulsions	29	12	7	6	..	..	..	..	..	..	..	..	..	..	54	5	
8 Brain Disease, &c.....	..	1	..	1	3	1	..	..	..	1	..	..	..	..	2	..	

TABLE IV.

Shewing the Mortality from certain classes of Diseases,
and proportions to population, and to 1,000 Deaths,
1877.

	Total Deaths.	Deaths per 1000 of Population.	Proportion of Deaths to 1000 Deaths.
1. Seven Principal Zymotic Diseases	320	5.3	211
2. Pulmonary Diseases..... (<i>other than Phthisis.</i>)	267	4.4	176
3. Tubercular Diseases.....	176	3.0	116
4. Wasting Diseases of Infants	91	1.5	60
5. Convulsive Diseases of Infants	112	1.8	74
NOTES. 1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Fever, and Diarrhæa. 3. Includes Phthisis, Scrofula, Rickets, and Tabes. 4. Includes Marasmus, Atrophy, Debility, want of Breast Milk, and Premature Birth. 5. Includes Hydrocephalus, Infantile Meningitis, Convulsions, and Teething.			

TABLE V.

Shewing the Number of Deaths from the seven principal Zymotic Diseases, in the 8 years 1869 to 1876, and in the Year 1877.

Disease.	1869	1870	1871	1872	1873	1874	1875	1876	Annual Average of 8 years. 1869-1876.	Proportion of Deaths to 1,000 Deaths in 8 years. 1869-1876.	1877	Proportion of Deaths to 1,000 Deaths in 1877.
Smallpox	29	34	110	8	3	0	0	13	24.6	18.0	89	58
Measles	27	12	30	40	65	36	20	36	33.2	24.5	71	47
Scarlet Fever	152	43	18	19	19	105	48	43	56.0	41.3	20	13
Diphtheria	9	4	4	2	4	4	1	4	4.0	3.0	5	3.3
Whooping Cough...	89	44	47	49	70	30	79	31	55.0	40.6	47	31
Fever.....	12	21	18	13	19	26	15	22	18.0	13.4	22	14.5
Diarrhoea	65	73	67	64	85	45	77	65	68.0	50.0	66	43.5
Total.....	383	231	294	195	265	246	240	214	258.8	190.8	320	210.3
London	17413	16476	19455	12699	11385	11230	13411	12565	14329	198	12292	159
England & Wales...	97352	90380	100497	70380	91743	89286	96279	82332	93958	197	—	—

TABLE VI.

Shewing the Localities in which certain Diseases of a Zymotic character occurred during the Year 1877.

LOCALITY.	Small-pox.	Scarlet Fever.	Typhus.	Enteric Fever.
Alfred Terrace	—	I	—	—
Acland-street	I	I		
Ashley-place	3			
Angel-gardens	10	I		
Albert-square, Shadwell.....	I			
Aston-street	12			
Amoy-place	I			
Ann-street	2	—	I	
Blount-street	5	I		
Bower-street	I			
Britannia Cottage.....	—	—	—	I
Butcher-row	2	—	I	—
Burgess-street	2			
Brenton-street	5	—	2	
Bromley-street	2			
Batson-street.....	2			
Broad-street	I	I		
Broad-bridge	3			
Brook-street	I	—	—	I
Burdett-road.....	3			
Brewer's-court	2			
Brunswick-place	4			
Blue Anchor-alley	2			
Ben Johnson-road	5			
Belgrave-street.....	—	—	I	
Blackthorn-place	I			
Brunton Cottage	I			
Cable-street	13			
Copenhagen-place	3	—	—	2
Chusan-place	3			
<i>Carried forward</i>	91	5	5	4

TABLE VI. (*continued.*)

LOCALITY.	Small-pox.	Scarlet Fever.	Typhus.	Enteric Fever.
<i>Brought forward</i>	91	5	5	4
Catherine-street	1			
Commercial-road	6			
Cross-row	1			
Chancery-court	4			
Coleman-street	1	1		
Carr-street	7	—	1	
Cut-side	1			
Chancery-place	1			
Caroline-street	—	2		
Condor-street	3			
Church-row	2			
Cayley-street	1	1		
Dora-street	1	1		
Dod-street	1			
Dalglish-street	2			
Dalglish-place	2			
Dudley-terrace	—	—	—	1
Dorset-place	—	—	—	1
Eastfield-street	16	1	1	
Endive-street	2			
East India Dock-road	1			
Elizabeth-place	1			
East London Children's Hospital...	4			
Ebenezer-place	3			
Farrance-street	3			
Fortunate-place	1			
Gun-square	2			
Gloucester-street	1			
Gill-street	2	2		
George-street	2			
Gun-lane	7			
<i>Carried forward</i>	169	13	7	6

TABLE VI. (*continued.*)

LOCALITY.	Small-pox.	Scarlet Fever.	Typhus.	Enteric Fever.
<i>Brought forward</i>	169	13	7	6
Garden-cottages	1			
Gould's-hill	5			
Garth-street	2	2		
Galt-street	1	1		
Globe-alley	—	—	1	
High-street, Shadwell	7	1		
Henry-street	4			
Halley-street	14	1		
Hope-place	3			
Island-row	1			
James'-place	2			
Jamaica-place	1			
Kirk's-place	1			
Love-lane	1	2	—	2
Locksley-street	2			
London-street	3	1		
Labor-in-Vain-street	1			
Market-hill	1			
Manning-street	12			
Mercer-street	1			
Middle Shadwell	3			
Maroon-street	2			
Narrow-street	2			
North-street	13	—	2	1
Nightingale-lane	1			
Nesbit's-court	4			
Northey-street	1	1		
<i>Carried forward</i>	258	22	10	9

TABLE VI. (*continued.*)

LOCALITY.	Small-pox.	Scarlet Fever.	Typhus.	Enteric Fever.
<i>Brought forward</i>	258	22	10	9
New-alley	1			
New Gravel-lane	2	1	1	1
Oak-lane	3			
Ohran's-court	1			
Peabody-square	8			
Pigott-street	4			
Pope's-hill	5			
Providence-place	2			
Park-street	1			
Prospect-place	1			
Raby-street	3			
Railway-place	2			
Rhodeswell-road	3			
Ropemaker's Fields.....	5			
Rose-lane	1			
Railway-buildings	2			
Repton-street ...	1			
Regent's-place	3			
Rich-street	2			
Ratcliff-square	1			
St. Ann-street	1			
St. Ann's-row	3			
Stainsby-road	10			
Silver-street	2			
St. Paul's-road.....	—	—	—	1
Sun Tavern-place	3			
Streatfield-street	—	—	—	1
Samuel-street	2	—	1	
Sage-street	1			
Star-street	1			
<i>Carried forward</i>	332	23	12	12

TABLE VI. (*continued.*)

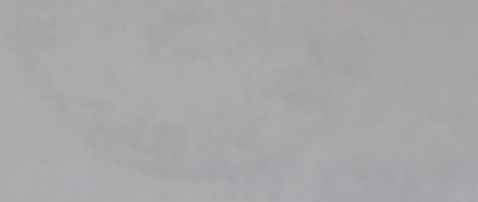
LOCALITY.	Small-pox.	Scarlet Fever.	Typhus.	Enteric Fever
<i>Brought forward</i>	332	23	12	12
Spring-gardens	3			
Shadwell Green	3			
Sarah-street	3			
Stepney-causeway	1			
Salmon's-lane	4			
Shadwell Schools.....	1			
Turner's-road	4			
Twine-court	2			
Tower-buildings	1			
Thomas-street	2			
Tomlin's-terrace	5			
Three Colt-street.....	2			
Taylor's-place	4			
Victoria-place	3			
White Horse-street	5			
West India Dock-road	2			
Walter-street	6	2		
Walker-street	5	2		
Wapping Wall.....	2	1		
Wright's-buildings	3			
Wagner's-place	—	—	1	
Waterloo-street	1			
Wallwood-street	2			
Wilson-place	—	—	—	1
Warwick-place.....	2			
York-road.....	1			
York-square	1			
York-street East	1			
TOTAL	402	28	13	13

TABLE VII.

INSPECTORS' REPORT OF THE SANITARY WORK, &c.,
completed in the year ending December 31st, 1877.

SANITARY WORK.	DISTRICTS.		
	Limehouse. <i>& Radecliff</i>	Shawwell and Wapping.	Total.
No. of Houses, Premises, &c. inspected.....	703	611	1314
Results of Inspection—Orders issued for Sanitary Amend- ments of Houses and Premises...	570	451	1021
Houses and Premises, &c., Cleansed Repaired, and Whitewashed.....	325	20	345
Houses Disinfected after Infectious Diseases	375	55	430
House Drains—Repaired, Cleansed, &c.	57	51	108
Trapped or Ventilated	39	30	69
Privies and Water Closets—Repaired, Cleansed, &c.	35	33	68
Supplied with water	21	15	36
New provided	27	15	42
Dust Bins—New provided.....	34	6	40
Repaired, Covered, &c.....	26	10	36
Water Supply—Cisterns (new) erected	22	—	22
Miscellaneous—Removal of accumulation of Dung, Stagnant Water, Animal, and other Refuse	27	—	27
Removal of Animals improperly kept.....	—	2	2
Licensed Cowhouses	14	13	27
Other Proceedings, <i>e.g.</i> Legal Proceedings...	6	5	11

GEO. HURLOCK, }
THOMAS STACE, } *Inspectors.*



THE HISTORY OF THE CITY OF BOSTON

By JOHN B. BOWEN

The history of the city of Boston is a subject of great interest and importance. It is a city which has played a prominent part in the history of the United States, and its story is one of the most interesting and instructive. The city was founded in 1630, and has since that time been a center of commerce and industry. It has been the seat of many of the most important events in the history of the country, and its people have been instrumental in the development of the nation. The city has a rich and varied history, and its story is one which should be known by all who are interested in the history of the United States.

THE HISTORY OF THE
CITY OF BOSTON



FORWARDED TO BOARD

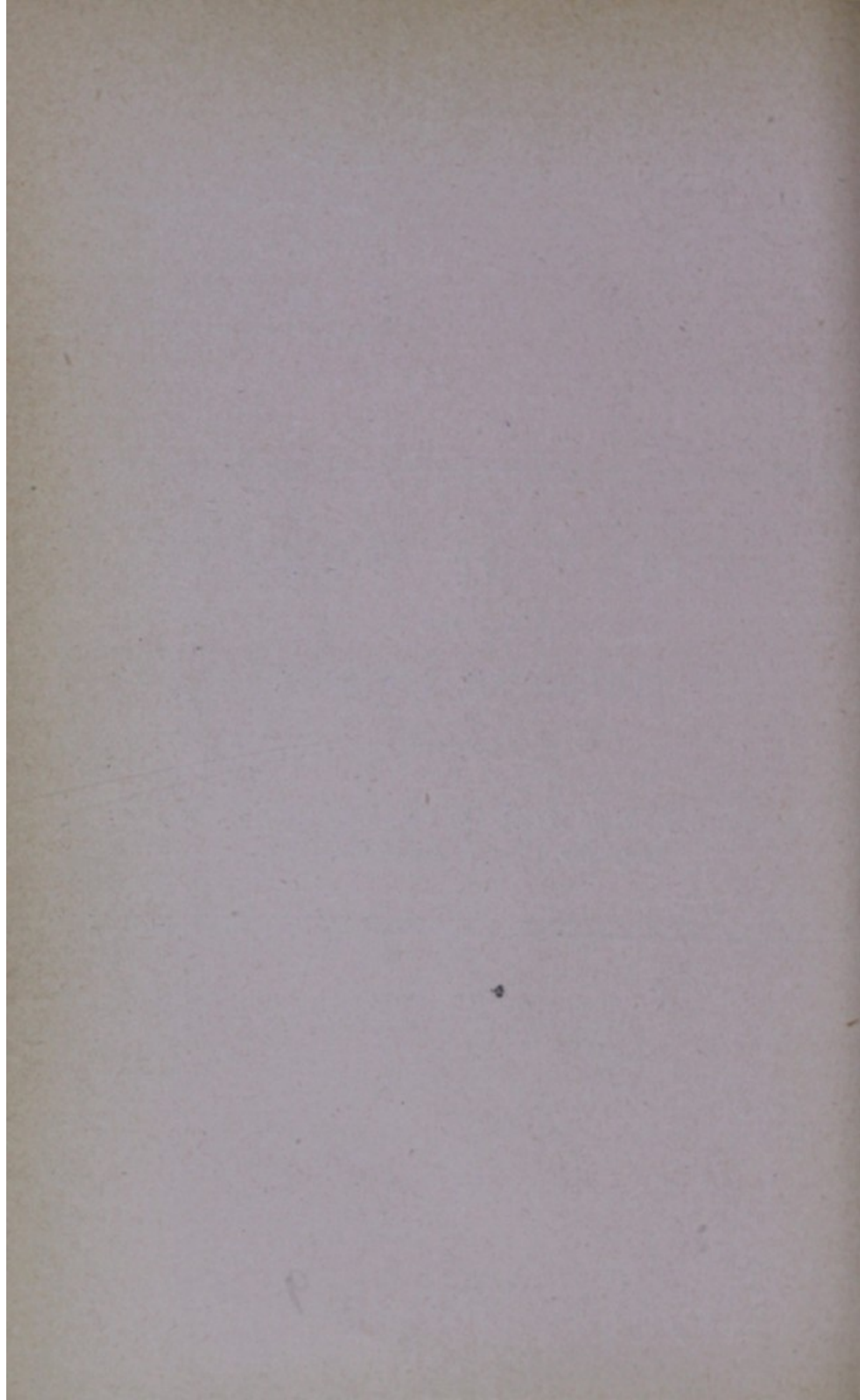
10 JAN 1879

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

*STATEMENT of ACCOUNTS, REPORTS, &c, from
Lady-day, 1877, to Lady-day, 1878.*



BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT.

*STATEMENT of ACCOUNTS, REPORTS, &c., from
Lady-day, 1877, to Lady-day, 1878.*

BOARD OF WORKS

FOR THE

LIMEHOUSE DISTRICT,

1877-8.

Members for Limehouse.

Mr. ROBERT AMOR.
„ HENRY CHAMBERS.
„ WILLIAM FARR.
„ ROBERT FOX.
„ THOS. WILLIAM FREEMAN.
„ ARTHUR HARSTON.
„ GEORGE BERNEY HATFIELD
„ EDWIN THOS. HAWKRIDGE.
„ WILLIAM BENSLEY HOPSON
„ FREDERICK PEACHEY.
„ THOMAS CARTER POTTO.
„ GEORGE THOMAS SMITH.
„ WILLIAM STEWART.
„ JAMES DIXON WARREN.
„ WILLIAM WHITFORD.

Members for Wapping.

Mr. J. AITCHESON CLINKSKILL.
„ RICHARD JOLLY.
„ ROBERT CARR.

Members for Ratcliff.

Mr. WILLIAM BARRATT.
„ GEORGE BROOKS.
„ WALTER CLARKE.
„ EDWIN AUGUSTUS CREER.
„ FRANCIS GEORGE HARRISON
„ JOHN HURRELL.
„ FRANCIS LONGSTAFF.
„ JOSEPH MYERSCOUGH.
„ WILLIAM NATHAN.
„ HENRY SHEPHERD.
„ THOMAS WALTER.
„ THOMAS SMITH WATTS.

Members for Shadwell.

Mr. JOSEPH ARTHUR.
„ EDWARD HENRY PAGE.
„ EDWARD ROPER.
„ EDWIN RUMBOLD.
„ THOMAS GEORGE SEABORN.
„ THOMAS SAMUEL WOOLFE.

WILLIAM NATHAN, Esq., represents the Board at the Metropolitan Board of Works.

Offices of the Board.

WHITE HORSE STREET, COMMERCIAL ROAD, EAST.

Treasurer—WILLIAM BIRD, Esq, LONDON JOINT STOCK BANK.

Clerk of the Board—Mr. THOMAS WRAKE RATCLIFF.

Surveyor—Mr. CHARLES DUNCH.

Medical Officer of Health & Analyst—Mr. GEO. ARTHUR ROGERS

Sanitary Inspectors.

For No. 1 DISTRICT—GEORGE HURLOCK.

For No. 2 DISTRICT—THOMAS STACE.

Superintendent of Cleansing & Watering—DANIEL EVERETT.

Office Clerk—JAMES BENSLEY.

No.

1. REVENUE AND OUTLAY ACCOUNT for the year from Lady-day, 1877,
to Lady-day, 1878.
2. REVENUE AND OUTLAY GENERAL PURPOSES ACCOUNT.
3. REVENUE AND OUTLAY SEWERS ACCOUNT.
4. PARISH OF LIMEHOUSE..... GENERAL PURPOSES ACCOUNT.
5. DITTO..... SEWERS ACCOUNT.
6. HAMLET OF RATCLIFF GENERAL PURPOSES ACCOUNT.
7. DITTO SEWERS ACCOUNT.
8. PARISH OF SHADWELL..... GENERAL PURPOSES ACCOUNT.
9. DITTO SEWERS ACCOUNT.
10. PARISH OF WAPPING GENERAL PURPOSES ACCOUNT
11. DITTO SEWERS ACCOUNT.
12. STATEMENT OF LIABILITIES AND ASSETS.
13. DITTO OF CONTRACTS.
14. DITTO OF OLD BONDS PAID OFF.
15. RETURN OF MONIES RAISED ON LOAN AT INTEREST.
16. LIST OF PROPERTIES BELONGING TO THE BOARD.
17. REPORT OF SURVEYOR.

No. 1.

BOARD OF WORKS FOR THE LIMEHOUSE DISTRICT.

Comprising the Parish of Limehouse, the Hamlet of St. Paul's Churchyard, and the Parishes of Shadwell and Wapping.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.	d.
Balances brought forward	5,487	9	
To Cash of the several Parishes upon Orders of Contribution, viz. :—			
General Purposes	21,200	0	0
Sewerage, &c.	2,650	0	0
	23,850	0	
„ Ditto of ditto—for Precept of School Board for London	6,263	5	
„ Ditto—Revenue from all other sources—			
General Purposes	7,090	1	0
Sewerage, ditto.	5,830	4	0
	12,920	5	
	£48,520	19	

OUTLAY.

	£	s.	d.
By Cash, Outlay on account of General Purposes	28,059	17	4
„ ditto ditto Sewers account	8,769	7	10
„ ditto Precept of School Board for London	6,263	5	0
„ Balance in hands of Clerk	43	8	10
„ ditto ditto Surveyor	33	12	10
„ ditto ditto Treasurer	4,351	7	2
„ ditto at Deposit	1,000	0	0
	5,428	8	10
	£48,520	19	0

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH, } Auditors

GENERAL PURPOSES ACCOUNT FOR THE WHOLE DISTRICT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.	d.
Balance brought forward	2,526	4	7
To Cash of Overseers of Parishes in the District upon Orders of Contribution	21,200	0	0
„ Ditto of ditto for Precept of School Board for London ...	6,263	5	0
„ Ditto for Reinstatements of Paving and Contributions ...	503	1	11
„ Ditto Rents, &c.	122	3	3
„ Ditto Old Tram from Commercial Road	43	15	0
„ Ditto from Limehouse Paving Loan Account	2,237	18	10
„ Ditto from Commercial Road Paving Loan Account ...	43	7	0
„ Ditto from Shadwell (Sun Tavern Gap) ditto	226	13	8
„ Ditto from London Joint Stock Bank—Interest on Deposit Account (Paving Limehouse)	35	1	10
„ Ditto of ditto—Interest on Deposit Account (Wapping Improvement)	17	8	8
„ Ditto of ditto—Interest on Deposit—Limehouse (Narrow Street) Improvement	25	2	7
„ Ditto from Contribution Account—New Streets (Paving)	145	18	11

£33,390 1 3

OUTLAY.

	£	s.	d.
By Paving	1,418	1	8
„ ditto Special Works	2,586	11	7
„ Lighting	3,483	8	7
„ Cleansing and Watering	5,300	19	4
„ ditto (Commercial Road)	1,102	1	0
	6,403	0	4
„ Stone and Materials	178	5	2
„ Urinals	49	3	4
„ Charges on Rates—			
Interest	2,166	16	11
Principal repaid	2,726	7	6
	4,893	4	5
„ Improvement Account	516	14	5
„ Common Charges and Sundries	1,581	4	1
„ Compensations	50	0	0
„ Precept of School Board for London	6,263	5	0
„ Expenses under Adulteration of Food, &c., Act, Laboratory, &c.	174	14	10
„ Disinfecting Account	253	1	7
„ Parliamentary Expenses	78	10	1
„ Superannuation Account	73	13	4
„ Sundries Account	56	18	11
Balance	5,330	3	11

£33,390 1 3

We hereby certify that we have examined and allowed the Accounts,
of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH, } *Auditors.*

SEWERS ACCOUNT FOR THE WHOLE DISTRICT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.	d.
Balance brought forward	453	4	11
To Cash of Overseers of Parishes in the District upon Orders of Contribution	2,650	0	0
„ Ditto of ditto to meet Precept of Metropolitan Board on account of Consolidated Rate	5,773	8	2
„ Ditto for Contributions to Sewers	56	15	9
„ Fractions	0	0	1

£8,933 8 11

OUTLAY.

	£	s.	d.
By payment to Metropolitan Board amount of Precept on account of Consolidated Rate... ..	5,773	8	2
„ Sewers Construction... ..	371	12	2
„ Openings	17	7	1
„ Repairs	55	8	2
„ Cleansing	68	11	2
„ Carting Deposit	17	16	0
„ Incidental Works	82	19	7
„ Flushing	496	3	0
„ Common Charges and Sundries	835	15	0
„ Charges on Rates—			
Interest	39	12	1
Principal repaid... ..	266	12	6
Parliamentary proceedings	744	2	11
Balance	164	1	1

£8,933 8 11

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH, } Auditors.

No. 4.

PARISH OF LIMEHOUSE.—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution ...	10,000	0	
„ Ditto of ditto for Precept of School Board for London ...	2,421	9	1
„ Ditto for Reinstatements of Paving and Contributions ...	232	1	1
„ Ditto Rents, &c. ...	25	3	
„ Ditto for Old Tram from Commercial Road ...	35	0	
„ Ditto from Limehouse Paving Loan Account ...	2,237	18	1
„ Ditto from Commercial Road ditto... ..	34	13	
„ Ditto from London Joint Stock Bank—Interest on Deposit Account (Paving, Limehouse)... ..	35	1	1
„ Ditto ditto on Deposit (Narrow Street Improvement) ...	25	2	
„ Ditto from Contribution Account (New Streets) ...	145	18	1
Balance	2,030	8	

£17,222 19

OUTLAY.

	£	s.	d.
Balance brought forward	4,072	19	10
Paving	662	11	9
Ditto Special Works	1,613	6	8
Lighting	1,564	6	8
Cleansing and Watering	2,155	16	1
Ditto Commercial Road	881	12	9
Stone and Materials	3,037	8	10
Urinals	87	12	3
Charges on Rates—			
Interest	1,187	4	3
Principal repaid	1,653	9	0
	2,840	13	3
Common Charges and Sundries	613	2	8
Superannuation Account	28	11	5
Improvement Account	2	2	6
Precept of School Board for London	2,421	9	11
Parliamentary Expenses	78	10	1
Expenses under Adulteration of Food, &c., Act, Laboratory, &c.	67	13	5
Disinfecting Account	98	4	3
Sundries Account	16	14	7

£17,222 19 4

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH, } Auditors.

No. 5.

PARISH OF LIMEHOUSE.—SEWERS ACCOUNT.

Revenue and Outlay from Lady-day 1877 to Lady-day 1878.

REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution	900	0	0
„ Ditto of ditto for Metropolitan Boards Precept for Consolidated Rate	2,226	11	0
„ Ditto Contributions to Sewers	46	17	0
Balance	437	4	1

£3,610 14

OUTLAY.

	£	s.	d.
Balance brought forward	74	0	6
y Sewers Construction	186	9	3
„ Openings	8	2	9
„ Repairs	35	13	6
„ Cleansing	30	14	10
„ Incidentals	16	7	10
„ Carting Deposit	11	3	0
„ Flushing	192	10	0
„ Common Charges and Sundries	323	18	7
„ Charges on Rates—			
Interest... ..	22	4	7
Principal repaid	194	17	0
	217	1	7
„ Metropolitan Board amount of Precept for Consolidated Rate	2,226	11	9
„ Parliamentary Proceedings... ..	288	0	10

£3,610 14 5

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH. } Auditors

No. 6.

HAMLET OF RATCLIFF.—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.
Balance brought forward	1,493	6
To Cash of Overseers upon Orders of Contribution	4,400	0
„ Ditto of ditto for Precept of School Board for London	1,294	6
„ Ditto for Reinstatements of Paving and Contributions	136	3
„ Ditto for Old Tram taken from Commercial Road	8	15
„ Ditto Rents, &c.	45	8
„ Ditto from Commercial Road Paving Loan Account	8	13

£7,386 12 1

OUTLAY.

	£	s.	d.
By Paving	333	10	7
„ Ditto Special Works	700	0	4
„ Lighting	854	12	9
„ Cleansing and Watering	1,146	18	4
„ Ditto Commercial Road	220	8	3
„ Stone and Materials	1,367	6	7
„ Urinals	86	13	9
„ Charges on Rates—			
Interest... ..	156	13	0
Principal repaid	263	12	10
„ Common Charges and Sundries	420	5	10
„ Superannuation Account	327	17	2
„ Precept of School Board for London	15	5	5
„ Expenses under Adulteration of Food, &c., Act, Labora-	1,294	6	10
tory, &c.	36	4	6
„ Disinfecting Account... ..	52	9	2
„ Sundries Account	7	17	5
„ Insurance	1	7	3
Balance... ..	1,876	14	5

£7,386 12 10

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH. } Auditors.

No. 7.

HAMLET OF RATCLIFF.—EWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.	d.
To Cash of Overseers upon Orders of Contribution	600	0	0
„ Ditto of ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	1,191	1	3
„ Ditto Contributions to Sewers	3	0	0
„ Fractions	0	0	1
Balance	187	5	8

£1,981 7 0

OUTLAY.

	£	s.	d.
Balance brought forward	86	6	10
„ Sewers Construction... ..	180	13	10
„ Openings	2	12	3
„ Repairs	13	7	10
„ Cleansing	34	13	3
„ Incidentals	6	14	2
„ Carting Deposit	4	5	0
„ Flushing	103	5	5
„ Common Charges	173	6	9
„ Charges on Rates—			
Interest... ..	5	1	0
Principal repaid	25	3	1
	30	4	1
„ Metropolitan Board amount of Precept for Metropolitan Consolidated Rate	1,191	1	3
„ Parliamentary Proceedings	154	16	4

£1,981 7 0

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH. } Auditors.

PARISH OF SHADWELL.—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.
Balance Brought forward	1,568	2
To Cash of Overseers upon Orders of Contribution	4,000	0
„ Ditto of ditto for Precept of School Board for London	1,175	11
„ Ditto for Reinstatements of Pavements and Contributions	89	9
„ Ditto for Paving Loan Account	226	13

£7,059 16

OUTLAY.

	£	s.	d.
Paving	168	19	1
Lighting	641	2	7
Cleansing and Watering	915	15	5
Stone and Materials	3	19	2
Urinals	11	2	8
Charges on Rates—			
Interest... ..	559	14	2
Principal repaid	517	0	10
	1,076	15	0
Common Charges and Sundries	293	2	4
Superannuation Account	13	13	2
Improvement Account	346	0	3
Precept of School Board for London	1,175	11	4
Expenses under Adulteration of Food, &c., Act, Laboratory, &c.	32	7	11
Disinfecting Account... ..	46	17	7
Rent of Stone yard	12	0	0
Iron Gate, Fox's Lane	15	0	0
Sundries	1	6	2
Rent, New Crane Improvement	5	0	0
Balance	2,301	4	1

£7,059 16 9

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH.

} Auditors.

No. 9.

PARISH OF SHADWELL WERS ACCOUNT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.
Balance brought forward	155	4
To Cash of Overseers upon Orders of Contribution	500	0
„ Ditto of ditto for Metropolitan Board's Precept for		
Metropolitan Consolidated Rate	1,086	2
„ Ditto Contribution to Sewers	2	6

£1,743 13

OUTLAY.

	£	s.	d.
Sewer Construction	4	9	1
Openings	1	16	4
Repairs	1	4	0
Cleansing	1	11	7
Incidentals	16	10	11
Flushing	91	19	5
Common Charges	154	19	7
Charges on Rates—			
Interest... ..	6	9	2
Principal repaid	20	10	5
		26	19 7
Metropolitan Board amount of Precept for Metropolitan			
Consolidated Rate	1,086	2	1
Parliamentary Proceedings	137	19	3
Balance... ..	220	1	7

£1,743 13 5

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH.

} Auditors.

PARISH OF WAPPING.—GENERAL PURPOSES ACCOUNT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.
Balance brought forward	3,537	16
To Cash of Overseers upon Orders of Contribution	2,800	0
„ Ditto of ditto for Precept of School Board for London	1,371	16
„ Ditto Rents, &c.	51	11
„ Ditto of London Joint Stock Bank—Interest on Deposit Account	17	8
„ Ditto Reinstatements... ..	45	7

£7,824 0

OUTLAY.

	£	s.	d.
y Paving	253	0	3
„ Ditto Special Works	273	4	7
„ Lighting	423	6	7
„ Cleansing and Watering	1,082	9	6
„ Urinals	8	8	7
„ Charges on Rates—			
Interest... ..	263	5	6
Principal repaid	292	4	10
	555	10	4
„ Common Charges and Sundries	347	1	10
„ Superannuation Account	16	3	4
„ Compensations	50	0	0
„ Precept of School Board for London	1,371	16	11
„ Expenses under Adulteration of Food, &c., Act, Laboratory, &c.	38	9	0
„ Disinfecting Account... ..	55	10	7
„ Improvement Account	163	11	8
„ Sundries	2	2	6
„ Insurance	0	11	0
Balance	3,182	13	9

£7,824 0 5

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH.

} Auditors.

No. 11.

PARISH OF WAPPING.—SEWERS ACCOUNT.

Revenue and Outlay from Lady-day, 1877, to Lady-day, 1878.

REVENUE.

	£	s.	d.
Balance brought forward	458	7	5
To Cash of Overseers upon Orders of Contribution	650	0	0
„ Ditto for Metropolitan Board's Precept for Metropolitan Consolidated Rate	1,269	13	1
„ Ditto Contributions to Sewers	4	11	6

£2,382 12 0

OUTLAY.

	£	s.	d.
By Openings	4	15	9
„ Repairs	5	2	10
„ Cleansing	1	11	6
„ Incidentals	43	6	8
„ Carting Deposit	2	8	0
„ Flushing	108	8	2
„ Common Charges	183	10	1
„ Charges on Rates—			
Interest	5	17	4
Principal repaid	26	2	0
	31	19	4
„ Metropolitan Board, amount of Precept for Metropolitan Consolidated Rate	1,269	13	1
„ Parliamentary Proceedings	163	6	6
Balance	568	10	1

£2,382 12 0

We hereby certify that we have examined and allowed the Accounts, of which this Account is an Abstract.

Dated this 5th day of July, 1878.

C. F. B. BIRCHALL,
JOHN CAPES,
W. MEREDITH.

} Auditors.

LIABILITIES.

	£	s.	d.
British Empire Life Assurance Company	1,750	0	0
Sovereign Life Assurance Company	150	0	0
London Life Association	21,660	0	0
Metropolitan Board of Works	26,127	0	0
	£49,687	0	0

ASSETS.

	£	s.	d.
Cash at Deposit	1,000	0	0
Ditto in hands of Clerk	43	8	10
Ditto of Surveyor	33	12	10
Ditto of Treasurer	4,351	7	2
	£5,428	8	10

CONTRACTS.

1876.

March 25th, Messrs. Mowlem & Co., paving works	...	{ as per schedule of prices.
--	-----	---------------------------------

August 14th, Mr. C. Standan, sewers work		{ as per schedule of prices.
--	--------	---------------------------------

1877.

July 11th, Messrs. P. & E. Abbott, scavenging, removal of dust, and watering		{ 2,200 0 0
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„ Mr. C. T. Parsons, ditto		1,280 0 0
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„ Mr. James Rollinson, scavenging and watering	...	700 0 0
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PARTHURERS OF HAYFENT OF BY BOARD

NAME OF MEMBER	WHEN JOINED
W. A. ALTON	1897
J. CHAMBERLAIN	1898
GEORGE W. HILL	1899
WILLIAM H. HILL	1900
THOMAS H. HILL	1901
JAMES H. HILL	1902
WILLIAM H. HILL	1903
THOMAS H. HILL	1904
JAMES H. HILL	1905
WILLIAM H. HILL	1906
THOMAS H. HILL	1907
JAMES H. HILL	1908
WILLIAM H. HILL	1909
THOMAS H. HILL	1910
JAMES H. HILL	1911
WILLIAM H. HILL	1912
THOMAS H. HILL	1913
JAMES H. HILL	1914
WILLIAM H. HILL	1915
THOMAS H. HILL	1916
JAMES H. HILL	1917
WILLIAM H. HILL	1918
THOMAS H. HILL	1919
JAMES H. HILL	1920
WILLIAM H. HILL	1921
THOMAS H. HILL	1922
JAMES H. HILL	1923
WILLIAM H. HILL	1924
THOMAS H. HILL	1925
JAMES H. HILL	1926
WILLIAM H. HILL	1927
THOMAS H. HILL	1928
JAMES H. HILL	1929
WILLIAM H. HILL	1930
THOMAS H. HILL	1931
JAMES H. HILL	1932
WILLIAM H. HILL	1933
THOMAS H. HILL	1934
JAMES H. HILL	1935
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THOMAS H. HILL	1937
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WILLIAM H. HILL	1993
THOMAS H. HILL	1994
JAMES H. HILL	1995
WILLIAM H. HILL	1996
THOMAS H. HILL	1997
JAMES H. HILL	1998
WILLIAM H. HILL	1999
THOMAS H. HILL	2000

PARTICULARS OF PAYMENT OFF BY BOARD OF AMOUNTS SECURED BY OLD BONDS, &c.

WHEN PAID OFF.			NAMES OF HOLDERS.			OLD COMMISSIONS.			AMOUNT.		
1857.	18th March...	...	W. WALTON, Esq.	...	...	Wapping Pavement...	...	...	£300	0	0
1858.	18th October	...	J. CHARRINGTON, Esq.	...	...	Shadwell Pavement...	...	...	100	0	0
1859.	16th April ...	...	GEORGE WARD, Esq.	...	...	Ratcliff Pavement ...	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
"	"	...	WILLIAM CREW, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	THOMAS DINMORE, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	SAMUEL FOULGER, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	Miss GIBB ...	...	...	Ditto	...	...	200	0	0
"	"	...	MESSRS. E. & P. ARMET	...	...	Ditto	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
1859.	5th October...	...	E. HATFIELD, Esq.	...	...	Commercial Road Debt	...	...	191	15	6
"	"	...	J. WALKER, Esq.	...	...	Ditto	...	...	172	11	11
1860.	16th January	...	Executors of THOMAS WARD, Esq.	...	...	Ditto	...	...	0	18	10
"	"	...	Miss GIBB ...	...	...	Ratcliff Pavement ...	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
"	24th January	...	S. FOULGER, Esq.	...	...	Ditto	...	...	100	0	0
"	17th October	...	Executor of J. OLIVER, Esq.	...	...	Wapping Pavement	...	...	500	0	0
1862.	10th April ...	...	Rev. THOMAS BAKER	...	...	Commercial Road Debt	...	...	1,073	18	9
"	"	...	Executors of J. FLETCHER, Esq.	...	...	Shadwell Pavement...	...	...	400	0	0
"	"	...	C. W. ORDE, Esq.	...	...	Ditto	...	...	300	0	0
"	"	...	Executors of THOMAS WEST, Esq.	...	...	Ditto	...	...	300	0	0
"	21st May	...	T. CLEGHORN, Esq. (Assignee of Miss PALMER)...	...	...	Ratcliff Pavement ...	...	...	200	0	0
1863.	April 1st ...	...	Executors of J. LOUCH, Esq.	...	...	Shadwell Pavement...	...	...	300	0	0
1864.	December 9th	...	MESSRS. E. & P. ARMET	...	...	Ratcliff Pavement ...	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
"	"	...	Miss GIBB ...	...	...	Ditto	...	...	200	0	0
"	"	...	Trustees of S. FOULGER, Esq.	...	...	Ditto	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
1865.	March 22nd	...	Trustees of H. F. JOHNSON, Esq.	...	...	Commercial Road Debt	...	...	134	4	10
"	September 20th	...	JOHN HODGSON, Esq.	...	...	Ditto	...	...	824	12	7
1867.	March 13th...	...	Executors of J. SHELDRIK, Esq.	...	...	Shadwell Pavement...	...	...	200	0	0
"	"	...	Executors of J. URQUHART, Esq.	...	...	Ditto	...	...	700	0	0
1868.	February 26th	...	Trustees of S. FOULGER, Esq.	...	...	Ratcliff Pavement ...	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
"	"	...	DITTO.	...	...	Ditto	...	...	200	0	0
"	"	...	MESSRS. E. & P. ARMET	...	...	Ditto	...	...	200	0	0
"	"	...	GEORGE WARD, Esq.	...	...	Ditto	...	...	200	0	0
1869.	March 24th	...	Trustees of J. LAMBERT, Esq.	...	...	Ditto	...	...	700	0	0
"	December 22nd	...	Miss GUNNER (Representative of Miss GALILEE)...	...	...	Shadwell Pavement...	...	...	200	0	0
1870.	January 12th	...	Executors of M. C. WALKER, Esq.	...	...	Ditto	...	...	800	0	0
1873.	November 12th	...	Mrs. BRADLEY (Representative of Miss WATSON)	...	...	Wapping Pavement	...	...	1,000	0	0
1875.	January 4th	...	Miss SPENCER (Representative of Miss GIBB)	...	...	Ratcliff Pavement ...	...	...	600	0	0
									£13,498	2	5

No. 15.

RETURN OF MONIES RAISED ON LOAN AT INTEREST.

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
1	1857, January 7	£400	£5	General Rates.	For Improvements at Wapping.	R. Stephenson.	Three years.	The whole. £400 0 0
2	1857, January 7	£400	£5	Ditto.	Ditto.	W. Maud.	Ditto.	The whole. £400 0 0
3	1857, January 7	£400	£5	Ditto.	Ditto.	W. Walton.	Ditto.	The whole. £400 0 0
4	1857, September 2	£300	£5	Ditto.	Ditto.	R. Stephenson.	Ditto.	The whole. £300 0 0
5	1858, September 29	£1,800	£4½	Ditto.	For Paving Works in Limehouse.	Thos. Dinmore.	Fifteen Years, to be repaid by fifteen equal annual instalments.	The whole. £1,800 0 0
6, 7, & 8	1858 October 7	£3,000	£4½	Sewer Rates.	For Sewers Works in Limehouse.	General Annuity Endowment Association (now Sovereign Life Assurance Compy.)	Twenty Years, to be repaid by twenty equal annual instalments.	£2,850 0 0
9	1859, September 21	£5,000	£4	General Rates.	For Paving Works in Limehouse.	British Empire Life Assurance Company.	Fifteen Years, to be repaid by fifteen equal annual instalments.	The whole. £5,000 0 0
10	1860, September 5	£5,000	£4½	Ditto.	Ditto.	Ditto.	Ditto.	The whole. £5,000 0 0
11	1862, July 23	£7,000	£4½	Ditto.	For Board's Offices.	Ditto.	Twenty Years, to be repaid by twenty equal annual instalments.	£5,250 0 0
12	1867, March 27	£6,000	£5	Ditto.	For Improvements at Wapping.	London Life Association.	Twenty-five Years, to be repaid by twenty-five equal annual instalments.	£2,640 0 0
13	1867, October 16	£3,000	£5	Ditto.	For Improvements in Limehouse.	Ditto.	Twenty Years, to be repaid by twenty equal annual instalments.	£1,500 0 0
14	1867, October 16	£5,500	£5	Ditto.	For Improvements in Shadwell.	Ditto.	Twenty-five Years, to be repaid by twenty-five equal annual instalments.	£2,200 0 0
Carried forward...		£37,800					Carried forward..	£27,740 0 0

No. 15. (Continued.)

RETURN OF MONIES RAISED ON LOAN AT INTEREST. (Continued.)

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
15	<i>Brought forward...</i> 1872, June 22	£37,800 £7,250	£3 17/6	General Rates.	For Improvements in Limehouse.	Metropolitan Board of Works.	<i>Brought Forward...</i> Fifty-seven Years, to be repaid as follows: £150 on 1st Oct., 1879; £142 on 1st Oct. in 50 succeeding Years.	£27,740 0 0 £6,749 0 0 (By Contribution from Metropolitan Board.)
16	1872, July 24	£18,000	£4 10/	Ditto.	For Paving the Commercial Road, the East India Dock Road, and the West India Dock Road.	London Life Association.	Twenty Years, payable by twenty equal annual instalments.	£4,500 0 0
17	1872, August 10	£4,000	£3 17/6	Ditto.	For Improvements in Sun Tavern Gap, Shadwell.	Metropolitan Board of Works.	Fifty-seven Years, to be repaid as follows: £50 on 1st Oct., 1879; £79 on 1st Oct. in 50 succeeding Years.	The whole. £4,000 0 0 (By Contribution from Metropolitan Board.)
18	1873, January 20	£2,000	£3 17/6	Ditto.	Ditto.	Ditto.	Fifty-seven Years, to be repaid as follows: £50 on 1st Oct., 1879; £30 on 1st Oct. in 50 succeeding Years.	The whole. £2,000 0 0 (By Contribution from Metropolitan Board.)
19	1873, January 20	£6,000	£3 17/6	Ditto.	Ditto.	Ditto.	Fifty-seven Years, to be repaid as follows: £120 on 1st Oct., 1873; £105 on 1st Oct. in 56 succeeding Years.	£540 0 0
20	1873, January 20	£7,250	£3 17/6	Ditto.	For Improvements in Limehouse.	Ditto.	Fifty-seven Years, to be repaid as follows: £138 on 1st Oct., 1873; £127 on 1st Oct. in 56 succeeding Years.	£646 0 0
21	1874, October 1	£2,816 10/	£3 18/6	Ditto.	For Improvements in Wapping Wall, Shadwell.	Ditto.	Fifty-five Years, to be repaid as follows: £62 10s. on 1st Oct., 1875; £51 on 1st Oct. in 54 succeeding Years.	£164 10 0
<i>Carried forward...</i>		£85,116 10/					<i>Carried Forward...</i>	£46,339 10 0

No. 15 *Continued.*

RETURN OF MONIES RAISED ON LOAN AT INTEREST. (*Continued.*)

No.	Date of Mortgage.	Amount.	Rate of Interest.	Secured on.	For what purpose Borrowed.	From whom Borrowed.	For what Term.	Repayments.
22	<i>Brought forward ...</i> 1874, October 1	£85,116 10/ 2,816 10/	£3 18/6	General Rates.	For Improvements in Wapping Wall, Shadwell.	Metropolitan Board of Works.	<i>Brought forward...</i> Fifty-five Years, to be repaid as follows: £62 10s. on 1st Oct., 1875; £51 on 1st Oct., in 54 succeeding Years.	£46,339 10 0 The whole. £2,816 10 0 (By Contribution from Metropolitan Board.)
23	1876, February 9	£1,900	£3 18/6	Ditto.	For certain Works, viz.: the widening of High Street, Wapping, between Wapping Dock Street, and Sir William Warren's Square.	Ditto.	Fifty-four Years, to be repaid as follows: £45 on 1st Oct., 1876; £35 on 1st Oct. in 53 succeeding Years.	80 0 0 10 0 0 (In advance).
24	1876, February 9	£1,900	£3 18/6	Ditto.	Ditto.	Ditto.	Ditto.	The whole. £1,900 0 0 (By Contribution from Metropolitan Board.)
25	1876, March 8	£10,500	£3 18/6	Ditto.	For certain Paving Works, viz.: Commercial Road, East and West India Dock Roads, and also Paving Works in Limehouse and Shadwell.	Ditto.	Fifteen Years, to be repaid as follows: £700 on 1st Oct., 1876; £700 on 1st Oct. in 14 succeeding Years.	£1,400 0 0
		£102,233						£52,546 0 0

PROPERTIES BELONGING TO THE BOARD.

Freehold Offices in White Horse Street, Ratcliff.

Freehold House and Shop in Three Colt Street, at the corner of Ropemakers Fields, Limehouse, let on lease to Mr. William Smith, for 30 years, from Midsummer, 1853, at £20 rent.

Leasehold Arch on the north side of the Mitre at Limehouse, let to Mr. Hawkridge at £5 per annum. Leasehold Arch on the south side of the Mitre, under the London and Blackwall Railway, let to Mr. De Ritter at £4 per annum.

Leasehold Arch under the London and Blackwall Railway, on the west side of Gill Street, Limehouse, and a piece of ground adjoining the said Arch, let to Mr. R. Lamude.

Five Freehold Houses, Nos. 7, 9, 11, 13, and 15, White Horse Street, Ratcliff, let on lease to Mr. Charles Arnold, for 21 years, from Michaelmas, 1865, at £47 Rent and Insurance.

Two Leasehold Arches under the London and Blackwall Railway, on the west side of White Horse Street, Ratcliff, and Ground on the North side of the said Arches, used as a stone Yard.

Leasehold Arch in Little John Street, Ratcliff, under the London and Blackwall Railway, half used as a mortuary, and the other half used as a Disinfecting house.

Piece of Freehold Land, north side of High Street, Wapping, corner of Queen's Head Alley, let to the Aberdeen Steam Navigation Company, as yearly Tenants, at £10 8s. per annum.

Freehold Cottages, Nos. 1 and 2, Queen's Head Alley, Wapping, let to Mr. Heather, at £12 per annum.

Shed adjoining Nos. 1 and 2, Queen's Head Alley, Wapping, let to Mr. Heather, at 3s. 3d. per week.

Piece of Freehold Land north side of High Street, Wapping, adjoining St. John's Warehouses, let to Dundee, Perth, and London Steam Navigation Company, as yearly Tenants, at £26 per annum.

Piece of Freehold Land, north side of High Street, Wapping, adjoining the Vestry Offices, used as a Stone Yard.

No. 17.

TO THE
**BOARD OF WORKS FOR THE LIMEHOUSE
DISTRICT.**

DEPARTMENT OF WORKS,
OFFICES,
WHITE HORSE STREET,
COMMERCIAL ROAD EAST.

GENTLEMEN,

I beg to submit to you my Report upon the Works executed in the District from Lady-day, 1877, to Lady-day, 1878.

SEWERS.

New Sewers have been constructed of the following lengths and sizes, viz. :—

PIPE SEWERS.

Brunton Place, Limehouse— 9in. 173ft. ; 6in. 5ft.

George Street, Ratcliff—12in. 350ft. ; 9in. 6ft. ; 6in. 176ft.

Tunnel Pier, Wapping— 6in. 36ft.

Brewhouse Lane, Wapping—12in. 503ft. ; 6in. 38ft.

About 13,000 feet of Brick Sewers, and 28,000 feet of small Brick and Pipe Sewers have been flushed by the men employed by the Board.

2 Gully Pans have been fixed.

1 New Gully re-constructed.
26 „ altered and repaired.
15 New Gully Grates supplied.
82 ft. of 6-in. pipe drain, to connect the same with the
Sewers.

1 New Manhole constructed.
3 New Flushing Boxes have been fixed.
1 Flushing Shaft cleansed and repaired.
2 New side entrance flaps.
2 New tide valves.

The following Sewers have been cleansed by the Contractor of
the Board, viz. :—

271 feet of 2ft. Brick Sewer.

669 „ 12in. pipe.

64 „ 6in. „

All the Gullies in the District have been periodically emptied,
and filled with water.

HOUSE DRAINAGE.

115 houses (including 53 new erections and other buildings)
have been connected with the Sewers, and the following works
executed in connection therewith, viz. :—

210 feet of 12-inch Pipe Drains laid.

1,162 „ 9-inch „

4,682 „ 6-inch „

1,779 „ 4-inch „

121 Closet pans and traps fixed.

228 Sinks and traps fixed.

Inspections are being constantly made by the Inspectors,
under my direction, from house to house throughout the District,
for the purpose of ascertaining what Cesspools remain, and whether
any defective drains exist.

PAVING.

New footway paving has been laid down as follows, viz. :—

LIMEHOUSE.—Waterloo Street, Tenbury Place, and Burdett Road.

Old footway paving has been relaid as follows :—

LIMEHOUSE.—Parts of Eastfield Street ; the “Mitre,” Three Colt Street ; parts of Limehouse Causeway ; parts of Copenhagen Place ; West end of Manning Street ; parts of Galt Street, St. Ann Street, Carr Street, and Burchfield Street.

RATCLIFF.—A portion of Narrow Street ; parts of Bromley Street ; parts of Durham Row and Rose Lane.

SHADWELL.—Parts of Wapping Wall.

WAPPING.—High Street, near “The Bell ;” Wapping Dock Street, and Upper Well Alley.

New carriage-way Paving has been laid down as follows, viz. :—

RATCLIFF.—The part of White Horse Street from Dean Colet House to Green Street.

The following unpaved Streets have been paved with second-hand stone, viz. :—

LIMEHOUSE.—Batson Street, Salmon Street, part of St. Ann Street, Mill Place, Frederick Street, and Church Row.

RATCLIFF.—John Street, Brunswick Place, Caroline Place, Ashley Place, Dorset Street, John Street, Middle John Street, and Lower John Street.

WAPPING.—Red Mead Lane, and part of Hermitage Street.

Old carriage-way paving has been laid as follows, viz. :—

LIMEHOUSE.—Parts of Northey Street ; Channels in Silver Street ; South end of Three Colt Street ; part of Gill Street, New Street, Burchfield Street, Limekiln Hill, and Park Street. The tram at Limekiln Hill has been re-dressed and re-set.

RATCLIFF.—Channels in Henry Street ; entrance to Harris’s Court ; part of Medland Street.

SHADWELL.—Parts of Market Hill, Glamis Road, Sage Street ; portions of the channel and breast of Wapping Wall ; parts of New Crane.

WAPPING.—Part of Redmead Lane ; breast and channel of Wapping Dock Street ; breast and channel of Cinnamon Street ; parts of High Street, and Upper Well Alley.

Carriage crossings have been formed at the following places:—

LIMEHOUSE.—Rugg Street.

RATCLIFF.—Across Albany Street, Bromley Street.

SHADWELL.—Messrs. Ashby & Horner's premises, Sun Tavern Gap.

The defective portion of the wood paving in White Horse Street, Ratcliff, has been removed, and Val de Travers' asphalt laid in lieu thereof.

LIGHTING.

The number of Public Lamps in the District is 796, being an increase of 1 since Lady-day, 1877.

PUBLIC URINALS.

A new slate Urinal, with four compartments, has been erected in Rose Lane, Ratcliff.

The number of Urinals in the District is 20.

The Urinals are flushed and cleansed with water by men employed by the Board, and have been maintained in good order.

CLEANSING & WATERING.

The principal streets are cleansed daily, and the others every second day, but daily in bad weather.

During the past season the whole of the streets, &c., have been constantly watered by the Contractors with water from the East London Water Works.

IMPROVEMENTS.

COMMERCIAL ROAD, LIMEHOUSE.—The Board has again had under consideration the necessity for widening the Commercial Road between Three Colt Street and Salmon Lane, it appearing that an opportunity might present itself to widen the said road on the South side, where the new Town Hall for the parish of Limehouse was built at the corner of Church Row. I brought up a report as to the proceedings which have been taken from time to time in reference to the proposed Improvement, and stated that I was still of opinion that the Improvement should be made by widening the road at the North side, as shown upon the Plan approved by the Board in the first instance. The Board has ordered a Memorial to be presented to the Metropolitan Board of Works calling their attention to the great importance of widening the Commercial Road as a Metropolitan Improvement, and that a deputation be appointed to wait upon the Metropolitan Board in support of the Memorial; also that a communication be made to the Carriers, Wharfingers, Public Companies, and other persons inconvenienced by the narrowness of the road, calling their attention to the expediency of their memorializing the Metropolitan Board to carry out the proposed Improvement.

LAND ADJOINING WAPPING WORKHOUSE.—The purchase of the pieces of Land adjoining the Workhouse for the widening of part of Upper Well Alley has been completed, and arrangements will be made for severing the said pieces of land from the other part of the Workhouse property, and for completing the widening of the Alley.

BILLS IN PARLIAMENT.

THAMES RIVER (PREVENTION OF FLOODS) BILL.—This Bill has been before a Parliamentary Committee of the House of Commons. An objection was taken that the Metropolitan Board

had not shown what they proposed to do, or what the cost would be, and the matter was adjourned in order to give the Metropolitan Board an opportunity to supplement their case by bringing further evidence, and an estimate of the cost. The Metropolitan Board afterwards withdrew the Bill, in consequence of the Select Committee having, through their Chairman, announced that they had requested him to report to the House of Commons to the effect that they had resolved that the most equitable mode of charging and meeting the expenses to be incurred for the prevention of floods within the Metropolitan District would be that the work should be carried into effect by the Metropolitan Board, and the expenses paid by a rate levied over the whole Metropolitan area.

Subsequently the Board having ascertained that the question was again under the consideration of the Metropolitan Board, I made a statement to your Board of my views on the subject, and the suggestions I considered should be made by the Board to the Metropolitan Board, so that they could be considered by that Board before they decided upon the principal of any future application to Parliament.

PUBLIC HEALTH (METROPOLIS) BILL.—A Petition was presented by order of the Board to the House of Commons against such clauses in the Bill as were intended to put the District Boards and Vestries under the control of the Local Government Board, and the Members of Parliament for the Borough of the Tower Hamlets were requested to support the Petition.

METROPOLIS MANAGEMENT & BUILDING ACT AMENDMENT BILL.—The Board has ordered a Petition to be presented against this Bill, with a view to amendments being made, so that the powers of the Metropolitan Board can be more clearly defined.

METROPOLIS WATERWORKS (PURCHASE) BILL.—A Petition to the House of Commons was prepared by order of the Board in favor of the Bill to empower the purchase by the Metropolitan

Board of the several Water Companies' undertakings, and letters were addressed to the Borough Members requesting them to support the same in the House ; and such Petition was duly presented and supported by Mr. Ritchie.

THAMES SUBWAY.—A Petition has been presented by order of the Board in favor of the Bill promoted in Parliament to authorize the construction of a Subway for foot passengers between Thames Place, Poplar, and Rotherhithe.

HIGH TIDES.

With regard to the inundation of Union Stairs, Wapping, during high tides, a letter was addressed to this Board by the Metropolitan Board of Works, stating that such property was still liable to inundation at times of very high tides, and that only partial measures of prevention had been adopted by the District Board, and enquiring whether the Board were prepared to execute the further works necessary to prevent floods in future at the spot in question. In reply a letter was addressed to the Metropolitan Board, by direction of this Board, requesting to be informed of the nature and extent of the further works that Board considered necessary. Subsequently a report of the Engineer of the Metropolitan Board as to the further works considered necessary was forwarded to this Board stating that the proposed extension of the stairs would be a suitable protection of the locality from high tides in the opinion of that Board. The said report was referred to your Works Committee, and I made a report thereon to the effect that the present flap had been effectual in preventing flooding from high tides over the passage in question ; that the works proposed by the Metropolitan Board if carried out would be dangerous, and likely to cause serious accidents to persons using the stairs ; and that there would be opposition on the part of the adjoining Wharf occupiers to the proposed projection into the river. Also that in

the Plans submitted by the Metropolitan Board's Engineer to the Parliamentary Committee on the Thames Flooding Bill in the late Session, a large number of private properties were proposed to be dealt with to prevent flooding by means of the moveable flaps or shutters, and were not of a permanent character. By order of the Board, the substance of my report was communicated to the Metropolitan Board of Works.

PROPOSED COMMUNICATION BETWEEN NORTH & SOUTH OF THAMES.

A letter was addressed to this Board by Mr. Turner, Clerk to the Board of Works for the Whitechapel District, stating that the following resolution had been passed by that Board :—

“ That an application be made to the Metropolitan Board by
“ Memorial, under seal, to urge upon that body the necessity
“ of a bridge being formed over the Thames, and that the
“ Vestries and District Boards interested in the matter be
“ invited to adopt a similar course.”

Subsequently a Memorial to the Metropolitan Board of Works, which had been prepared by order of the Whitechapel District Board, was forwarded to this Board, accompanied by a letter requesting the co-operation of this Board. In reply, a letter was addressed to the Whitechapel District Board stating that, although this Board is of opinion that there should be some additional communication between the North and South sides of the River East of London Bridge, at the present time the Board does not possess sufficient information on the subject to justify joining in the Memorial to the Metropolitan Board as suggested by the Whitechapel District Board.

WHITECHAPEL HAY MARKET.

A letter has been addressed to this Board by Mr. Jutsum, Clerk to the Vestry of Mile End Old Town, accompanied by a copy Memorial of that Vestry to the Metropolitan Board of Works, praying that Board to remove the Whitechapel Hay Market, and requesting that if the Board concurred with the views of the Vestry, the Metropolitan Board might be informed of the fact; and, by order of this Board, a letter was addressed to the Metropolitan Board of Works in favour of the removal of the Hay Market.

METROPOLITAN FIRE BRIGADE.

The Board having considered the report of the Select Committee of the House of Commons on the Metropolitan Fire Brigade, passed a resolution protesting against the management of the Brigade being taken from the Metropolitan Board of Works, in order that it may be placed in the charge of a Governmental Department; and that in the event of the Metropolitan Board being required to incur a further expenditure in extending the Brigade, the Fire Insurance Companies should be required to contribute in a larger degree than they do at present towards such expenditure. Copies of such resolution were sent to the Metropolitan Board of Works, and to the Borough and County Members, with a request that in the event of a Bill being brought in to effect the proposed transfer, they will use their utmost exertions to prevent its becoming law.

I am, GENTLEMEN,

Your most obedient Servant,

CHARLES DUNCH,

CD

Surveyor of the Board.

WHITEHARTLEY MARKET.

A letter has been addressed to the Board by Mr. James
Clark of the County of Middlesex, dated 1st January 1871,
in which he states that he has been appointed by the
Metropolitan Board of Works to the position of Surveyor,
and that he has been directed to inform the Board of the
result of his inquiries into the state of the market,
and to report to the Board on the subject of the
proposed alterations to the market, and to the
Board of the Board of Works.

METROPOLITAN FIRE BRIGADE.

The Board having received the report of the Surveyor
of the Metropolitan Fire Brigade, dated 1st January 1871,
in which he states that he has been appointed by the
Metropolitan Board of Works to the position of Surveyor,
and that he has been directed to inform the Board of the
result of his inquiries into the state of the market,
and to report to the Board on the subject of the
proposed alterations to the market, and to the
Board of the Board of Works.

CHAS. DICKINSON

Surveyor of the Market.