

[Report of the Medical Officer of Health for Clerkenwell, St James & St John].

Contributors

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NINTH
ANNUAL REPORT

OF

THE VESTRY

OF THE PARISH OF

SAINT JAMES AND SAINT JOHN,

CLERKENWELL.

For the Year 1864-5.

LONDON :

T. GOODE, "LION" STEAM PRINTING OFFICE, CLERKENWELL GREEN

1865.

VINTH

YEAR REPORT

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NINTH ANNUAL REPORT

OF

THE VESTRY

OF THE PARISH OF

Saint James and Saint John,

CLERKENWELL.

PRESENTED PURSUANT TO THE 198TH SECTION
OF THE METROPOLIS LOCAL MANAGEMENT ACT, 18 & 19 VICT., CAP. 120

NINTH ANNUAL REPORT

OF

THE VESTRY

OF THE PARISH OF

Saint James and Saint John

CLERKENWELL.

PRESENTED PURSUANT TO THE 1874 SECTION
OF THE METROPOLIS LOCAL MANAGEMENT ACT, 18 & 19 VICT., CAP. 130

METROPOLIS LOCAL MANAGEMENT ACT.

**Statement and Account of all Moneys Received and Expended from 25th March, 1864,
to 25th March, 1865,**

By the Vestry of the Parish of Saint James and Saint John, Clerkenwell.

Fol. in Ledg.	RECEIPTS.	Moneys received by the Vestry from 25th March, 1864, to 25th March, 1865.		Fol. in Ledg.	EXPENDITURE.	Unpaid at 25th March, 1864.	Incurred from 25th March, 1864, to 25th March, 1865.	Paid from 25th March, 1864, to 25th March, 1865.	Unpaid at March, 1865.		
		£. s. d.	£. s. d.							£. s. d.	£. s. d.
	SEWER ACCOUNT.				SEWER ACCOUNT.						
72	Amount collected on Arrears of Rate, made 2nd April, 1863	5	3		280 Metropolitan Board of Works towards defraying ordinary expenses as per precept... ..	2657	6	6	1981	8	6
75	Amount collected on Rate made 14th April, 1864	3323	16		291 Millichamp, drain pipes	2	5	9	20	13	4
			4		304 Aldridge, Chandlery				1	13	9
			3328		290 Dodd, H., Stocks	0	18	6	1	18	6
265	Fees for connecting private drains with Sewers		34	17	313 Varney, Cartage				38	15	9
369	E. Collier, for opening ground and connect- ing drain at 29, Myddelton-st.			0	522 Collectors' Commission	0	15	0	29	14	9
			11	3	276 Abbott & Hopwood, repairing Sewer in Upper Rosoman Street, Great Bath St. and Corporation Lane				100	10	2
					253 Surveyor's Salary (one-third of) ...	25	0	0	100	0	0
					371 Blackmore, Cement				2	1	9
					373 Lowes, Traps	2	5	0	3	7	6
					369 Clarke, Flushers' Boots and Stockings				4	8	0
					273 Sewer Rate				0	16	0
					242-3 Sewermen's Wages				227	11	8
					17 to						
					25 Petty Expenses per Current Expenses Account				2	14	0
	Less Balance in Arrear, 25th March, 1864	3364	8	1							
		229	18	9							
	Balance in arrear, 25th March, 1865	3134	9	4							
		69	7	1							
		3203	16	5							
						2688	10	9	2540	10	2
									3203	16	5
									2025	4	6

GENERAL ACCOUNT.			
565	Balance brought forward from 25th March, 1864		433 0 5
17	Ditto ditto as per Current Expenses Account		29 15 1
170	Amount collected on arrears of Rate made 2nd April, 1863	13 13 6	
182	Amount collected on arrears of Rate made 15th October, 1863	551 10 6	
185	Amount collected on arrears of Rate made 14th April, 1864	4978 13 9	
187	Amount collected on arrears of Rate made 13th October, 1864	3683 0 10	
			9226 18 7
	Outstanding on ditto gross £617 7 11 recoverable about...		350 0 0
Rents.			
267	93, Chapel Street	15 12 0	4 0 0
271	Heron's Gift for repair of roads	38 16 8	
274	Old Toll Gate House, Pentonville Rd.	9 14 7	64 3 3
278	New River Company, Repair of Trenches	410 3 0	
282	Imperial Gas Company, ditto	134 2 8	
284	Chartered ditto ditto	124 0 2	
286	City ditto ditto	11 2 5	679 8 3
264	License fees for the Erection of Hoardings		17 17 4
297	Metropolitan Railway Co., damage done to St. John Street Road and other Roads by cartage of earth &c., over same	200 0 0	
297	Amount agreed upon towards restoring Turnmill Street	1250 0 0	1450 0 0
	Carried forward		11901 2 11 354 0 0

GENERAL ACCOUNT.					
<i>Cartage, Dusting, Cleansing, Watering, and Road Materials.</i>					
290	Dodd, Road Materials	60 19 0	266 0 0	221 6 0	105 13 0
288	Stiles, Wm., Paving Repairs	377 10 11	1032 10 0	1310 18 1	99 2 10
	Stiles, Wm., Repair of Trenches	199 17 3	396 0 5	560 13 1	35 4 7
	Stiles, Wm., Broken Guernsey Granite	853 19 0	802 14 3	1207 9 0	449 4 3
313	Varney, Cartage	9 15 6	7 10 0	17 5 6	
278	New River Company, Water and Meter Hire		427 10 0	427 10 0	
	Ditto ditto for Urinals		9 14 7	9 14 7	
295	Perkins, Dusting and Sopping, District No. 1	350 0 0		350 0 0	
296	Reddin, ditto, District No. 2	222 10 0	890 0 0	890 0 0	222 10 0
356	Winn, Wm., Dusting and Cleansing Wards 1, 2, & 3. as per contract		1300 0 0	1191 13 4	108 6 8
357	Newman, Hire of Water Carts		613 4 0	613 4 0	
Rents and Taxes.					
278	New River Company, Ground Rent for Vestry Hall		9 14 9	9 14 9	
	Ditto, Water Rate for Vestry		2 14 0	2 14 0	
	Ditto, Ground Rent for Urinal, Hardwick Street		0 1 0	0 1 0	
	Ditto, Drinking Fountain, Claremont Square		0 1 0	0 1 0	
270	Penton, H., Esq., Ground Rent of Pentonville Rd. & Penton Place	13 2 2	26 6 6	26 5 5	13 3 3
341	Mr. Rivington, Rent 46 St. John Sq. occupied by Inspector C. Buckler		32 10 0	26 0 0	6 10 0
277	Queen's Taxes		6 2 9	6 2 9	
272	Poor Rate		6 8 0	6 8 0	
273	General Rate		2 4 0	2 4 0	
275	Insurance Vestry Hall		1 7 0	1 7 0	
278	New River Company, making connexion to Water Post, St. John Street Road		0 2 6	0 2 6	
278	Ditto, laying on Water to Urinal in Arlington Street		0 2 6	0 2 6	
	Carried forward		2087 13 10	5832 17 8	6880 16 6 1039 14 7

Fol. in Ledg.	RECEIPTS.	Moneys received by the Vestry from 25th March, 1864, to 25th March, 1865.	Moneys owing to the Vestry 25th March, 1865.	Fol. in Ledg.	EXPENDITURE.	Unpaid at 25th March, 1864.	Incurred from 25th March, 1864 to 25th March 1865.	Paid from 25th March, 1864, to 25th March, 1865.	Unpaid at 25th March, 1865.
		£. s. d.	£. s. d.			£. s. d.	£. s. d.	£. s. d.	£. s. d.
	GENERAL ACCOUNT <i>Continued.</i>				GENERAL ACCOUNT <i>Continued</i>				
	Brought forward		11901 2 11		Brought forward	2087 13 10	5832 17 3	6880 16 6	1039 14 7
278	New River Company, extra discount allowed off Watering Account, season, 1864		21 3 10	254	Law Expenses.				
	Paving Repairs, &c.			370	Boulton, W. J., Stamping Contracts and Bonds, 1864	7 7 2	22 10 0	7 7 2	22 10 0
366	Pyke	0 1 6			Atkinson & Son, Stamping Contracts and Bonds, 1865		19 10 0		19 10 0
"	Jelley	0 6 0		250	Salaries and Wages.				
"	Kelk	0 17 0		251	Vestry Clerk	75 0 0	300 0 0	300 0 0	75 0 0
"	Kelk	5 12 3		346-7	Assistant do.	40 0 0	160 0 0	160 0 0	40 0 0
"	Ferris	1 9 0			Junior do.		80 0 0	80 0 0	
"	Bunyard	1 10 0		253	Surveyor (two-thirds of)	50 0 0	200 0 0	200 0 0	50 0 0
"	Pace	0 7 11		254	Solicitor	25 0 0	100 0 0	100 0 0	25 0 0
"	Hunt	0 14 9		256	Medical Officer	25 0 0	100 0 0	100 0 0	25 0 0
"	Brassey and Company	3 7 3		215	Inspectors		163 16 0	163 16 0	
"	Ditto ditto	2 18 4		235	Labourers' Wages		234 4 7	234 4 7	
"	Ditto ditto	14 0		17-25	Ditto, Edging York, &c.		13 7 2	13 7 2	
"	Saunders	1 5 0			Compensations.				
"	Midland Railway Company	0 3 6		257	Cromwell, T.	30 0 0	120 0 0	120 0 0	30 0 0
"	Ditto ditto	0 6 5		258	Smith, R.	9 2 6	36 10 0	36 10 0	9 2 6
"	Simmons	0 7 6			General Expenses.				
"	Reddin	0 3 2		565	Collectors' Commission	71 9 4	189 0 4	204 12 6	55 17 2
"	Browning	0 2 7		325	Advertisements		19 5 8	19 5 8	
"	Norden	7 15 0		269	Islington Vestry, repair of portion of Caledonian Road	17 13 3	23 11 0	23 11 0	17 13 3
"	Day and Son	9 6 8			Loans.				
"	Langmead	3 7 4		315	Cook, G. W.	1537 10 0	62 10 0	575 0 0	1025 0 0
"	Chamberlain	2 1 8		314	Provident Clerks' Association	1022 10 0	33 15 0	545 0 0	511 5 0
"	Bauerichter and Company	7 0 10			Carried forward	4998 6 1	7710 17 0	3763 10 7	2945 12 6
"	Hunt, Mrs.	0 13 9							
"	Abbott and Hopwood	4 0 8							
	Miscellaneous.		56 12 1						
363	Greaves, damage to lamp	0 14 6							
"	Pickford and Co., do.	1 3 0							
"	Ditto do. do.	2 13 0							
	Carried forward		4 10 6						
			11983 9 4						354 0 0

	Brought forward		11983 9 4	354 0 0		Brought forward	4998 6 1	7710 17 0	9763 10 7	2945 12 6
364	Cost of Summonses returned—					Sundry Bills.				
	re Face	0 2 0			299	Ingls, Stationery	4 10 3	16 9 3	17 7 2	3 12 4
	re Finney	0 2 0			304	Aldridge, Chandlery	2 7 10	7 10 0	7 15 6	2 2 4
	re Clarkson	0 2 0			303	Dore, Plumber's Work	8 17 10	22 1 3	27 15 7	3 3 6
	re Tucker	0 2 0			298	Goode, Printing	8 2 0	3 15 0	11 17 0	
	re Mason	0 2 0			306	Dudley, Smith's Work	25 11 3	59 19 4	73 3 9	12 6 10
			0 10 0		307	Taylor, Locksmith's Work		1 11 6	1 11 6	
326	Stock sold		2 3 6		309	Fowler, Carpenter's Work	7 5 9	25 2 9	27 15 7	4 12 11
					319	Moore, B. R. & J., Winding and Re-				
						pairing Clocks		4 5 6	4 5 6	
					321	Edwards & Son, Hose for water post	5 7 6	9 8 1	9 10 1	5 5 6
					344	Hazin, Inspectors' Clothes		18 6 0	18 6 0	
					310	Pickburn, Printing		1 8 0	1 8 0	
					358	Smith and Co., Printing		55 7 6	35 0 0	20 7 6
					340	Thomas, Inspectors' Hats		2 16 0	2 16 0	
					566	Pearce, Gas Works on account of				
						General Expenses		1 5 0	1 5 0	
					359	Fricke & Sell, Painting, &c., Vestry				
						Hall		44 5 3	44 5 3	
					360	Turner, A. and R., Carpet and Rug				
						for Assistant Clerks' Office		5 2 1	5 2 1	
					361	Turner, H. and Son, Floor Cloth		4 11 3	4 11 3	
					568	Pallant, Straight-Edge		1 0 6	1 0 6	
					366	Preparation of plan, &c., for enabling				
						Solicitor to ascertain property				
						of City and Metropolitan Rail-				
						way Company for assessment				
						purposes (Surveyor and others)		8 5 0	8 8 0	
					369	Lawrence, J., New Spring Truck		6 13 6	6 13 6	
					337	Coals for Vestry Offices		10 7 0	10 7 0	
					369	Lewis, Rooms		0 10 6	0 10 6	
					375	Reward for detecting and convicting				
						men for sweeping slop down				
						gully		0 10 0	0 10 0	
					375	Mewitt, repairing Vestry's Truck				
						and cart		6 7 0	6 7 0	
						Miscellaneous Expenses per				
						Current Expenses Acc. £15 0 3				
					30	Petty Expenses		42 16 2		
								57 16 5	57 16 6	
						Cash in Clerk's hands, 25th				10142 5 3
						March, 1865 £25 1 6				
						Balance in favour of Gen-				
						eral Account 25th March				
						1865 1818 16 1				1843 17 7
			11986 2 10	354 0 0			5060 8 6	8085 13 8	11386 2 10	3003 16 11

ABSTRACT.

RECEIPTS.	Moneys owing to the Vestry, 25th March, 1865.	EXPENDITURE.	Liabilities of Vestry, 25th March, 1865.
£. s. d.	£. s. d.	£. s. d.	£. s. d.
Sewer Account 3,134 9 4	Sewer Account 0 0 0	Sewer Account 3,203 16 5	Sewer Account 2,025 4 6
Main Drainage 3,442 7 11	Main Drainage 290 0 0	Main Drainage 3,090 6 2	Main Drainage 31 15 11
Lighting 3,474 1 3	Lighting 150 0 0	Lighting 3,407 12 4	Lighting 857 4 7
General 11,986 2 10	General 354 0 0	General 10,140 5 3	General 3,003 16 11
		19,844 0 2	
		Balance in Bank ... 2,167 19 8	
		„ in Clerk's hands 25 1 6	
<u>£22,037 1 4</u>	<u>£794 0 0</u>	<u>£22,037 1 4</u>	<u>*£5,918 1 11</u>

PURSUANT to the 195th Section of the Metropolis Local Management Act, We hereby Certify that we have carefully examined and audited the respective Accounts of the Vestry of the Parish of Saint James and Saint John, Clerkenwell, for the year ending Lady-day last, and that we find them to be true and correct in all particulars, and we hereby sign the same in token thereof.

Dated this Twenty-fourth day of July, 1865.

JOHN BONE LEWIS, Wm. JOHN BARLOW, JAMES TERRY, JAMES HART, DANIEL COOKSEY,	}	AUDITORS.
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* It will be observed that this sum includes the £1,981 8s. 6d. due to the Metropolitan Board at Midsummer, and also the Loans £1,500 which are repayable by annual instalments.

SUMMARY STATEMENT OF CONTRACTS

FOR THE PERFORMANCE OF GENERAL WORKS AND SUPPLY OF MATERIALS,

Date.	Name of Contractor.	Nature of work to be performed, and Materials supplied.	Period.	Price.
1864.				
March 3rd	William Winn	Dusting and Cleansing District No. 1, Wards 1, 2 and 3	From 25th March, 1864, to 25th March, 1865 ...	£1300
Ditto	E. Reddin	Do. do. District No. 2, Wards 4 and 5	Ditto ditto ditto	£890
Ditto	Newman	Watering whole of Parish	From 25th March, 1864, to 29th September, 1864	At 8s. per man, horse and cart per day
March 17th	W. Stiles... ..	Paving and Repairs of Pavement	From 25th March, 1864, to 25th March, 1865 ...	As per Schedule of Prices
Ditto	Ditto	Broken Guernsey Granite	Ditto ditto ditto	16s. 6d. per cube yard
Ditto	H. Dodd	Ballast, Flint, &c.	Ditto ditto ditto	As per Schedule of Prices
Ditto	J. Smith and Co	Printing	Ditto ditto ditto	Ditto ditto
September 15	Fricker and Sell	Cleansing and Painting Vestry Hall ...	... ..	£44 5s. 3d.
November 17	D. Fowler	Erecting posts and rails St. John Street Road ... ..	... ..	£9 15s.
December 15	Abbott and Hopwood ...	Sewer Work in Great Bath Street, Cor- poration Lane, and Rosoman-st.	... ..	As per Schedule of Prices.

MEDICAL OFFICER'S REPORT.

1864.

With Table of Causes of Deaths, &c.

To the Vestry of Saint James and Saint John, Clerkenwell.

GENTLEMEN,

I do myself the honor of laying before you my Ninth-Annual Report upon the sanitary state of the district for the past year, 1864, with a statement of the causes of deaths, and a review of the principal points referred to in the Reports presented to you at your ordinary meetings.

The number of deaths which occurred from all causes in the district during the year 1864, was 1735; the average of the last ten years being 1455.

During the last 8 years, the total numbers of deaths have been as follows: in 1857, 1406; in 1858, 1477; in 1859, 1374; in 1860, 1383; in 1861, 1494; in 1862, 1572; in 1863, 1509; in 1864, 1735.

In each year a certain number of deaths of the Inhabitants takes place in General and Special Hospitals, and in Lunatic Asylums. The estimated number of these for 1864, amounts to 111.

The births which took place during the year were 2224; the natural increase of the population thus being 489; in the preceding year the births were 2449.

The number of deaths from Zymotic* diseases in 1864, was 435; that for the preceding 7 years having been respectively 340, 327, 329, 266, 381, 422, and 411.

The number of deaths which occurred from the principal Zymotic diseases was 378; the kinds of disease, as also the number occurring during the preceding 6 years being shown in the subjoined table.

* This term, which was first proposed by Dr. Farr, of the Registrar General's Office, is now generally employed for brevity to signify Infectious, Epidemic, and Endemic diseases.

	Small Pox.	Measles.	Scarlet Fever.	Hooping Cough.	Diarrhoea.	Typhus (in Fever Hospital.)	TOTALS.	Deaths from all causes.
1857 -	6	51	42	84	65	47 + (9)	295	1406
1858 -	5	69	64	61	55	31 + (8)	285	1477
1859 -	9	24	82	87	68	31 + (6)	301	1374
1860 -	10	39	50	62	38	27 + (5)	226	1383
1861 -	0	22	95	107	72	44 + (17)	340	1494
1862 -	1	76	133	53	42	70 + (9)	375	1572
1863 -	26	44	146	66	52	42 + (8)	376	1509
1864 -	7	73	94	71	87	46 + (9)	378	1735

789 deaths occurred from all causes in infants and children under 5 years of age. In the preceding 7 years the numbers were 663, 656, 628, 624, 707, 724, and 728.

351 deaths took place in persons at and above 60, including 55 at and above 80; the corresponding number for the preceding year being 248.

347 deaths took place from pulmonary diseases, the number for the preceding year being 262.

167 deaths at all ages in the Workhouse, 91 of them occurring in persons at and above 60. The number of deaths at all ages, in 1859, was 120; in 1860, 137; in 1861, 160; in 1862, 172; and in 1863, 158.

42 deaths took place in the House of Correction; and 5 in the House of Detention; the numbers for the preceding year being 21 and 1.

The accidental deaths were 22, against 19 in 1863, viz: 5 from fractures and contusions, 6 from burns and scalds, 9 from suffocation, and 2 from other causes.

One death arose from murder, that of a newly-born infant; and 8 deaths from suicide, viz: 2 from poison, 5 from hanging, and 1 from a violent fall.

134 inquests were held in the year; 106 upon those whose death had arisen from natural causes; 19 upon cases of accidents; 8 of suicide; and 1 of murder. 42 of these inquests were held in the House of Correction, and 5 in the House of Detention.

The table appended to this report contains a list of the deaths arising from all causes, arranged according to the causes which produced them, and the ages at which they occurred.

These are the principal facts relating to the causes of death, and upon them I will offer a few remarks.

In regard to the total mortality, it is evident that the deaths were more numerous by 226 than in the preceding year.

The census of 1861 showed that the population of this district was not rapidly increasing, the annual increase being 90 only; and the number of births being even less than that of the preceding year, tends to confirm the view that the increase of mortality does not arise from increase of population.

In considering the state of mortality of a single district, it is always a matter of interest to compare it with that of the entire metropolis, so as to be enabled to determine whether the increase is local or general. The mortality of the entire metropolis during the preceding year 1863 was 72,346, while that of 1864 was 77,723; hence there was an increase of 5377 deaths; so that the year was unhealthy throughout the metropolis.

In investigating minutely the several causes of deaths, we are naturally led first to consider the Zymotic diseases, these being more immediately under control than most of the others. By reference to the table at page 14, it will be seen that the Zymotic mortality is almost exactly the same as that of the two preceding years, so that the general increase cannot be attributed to these diseases.

The deaths from Small Pox have fallen from 26 to 7, which number is still too great, for undoubtedly if vaccination were properly carried out, a death from this horrible complaint would be rare. In the early part of the year, hand-bills were posted about the parish near the dwellings of the poor, so that all might know when and where they could take their children to be vaccinated gratuitously. During the year 42 patients were sent to the Small Pox Hospital, of whom 8 died.

The deaths from Measles increased from 44 to 73, while those from Scarlet Fever fell from 146 to 94; of the latter 8 were registered as arising from Diphtheria.

The deaths from Hooping Cough suffered a slight increase from 66 to 71. As mortality from Measles and Hooping Cough depends mainly upon pulmonary complications, the temperature of the year having been below the average, would tend to favor this increase.

The mortality from Diarrhoea and Typhus has also undergone an increase. Many of the deaths from Diarrhoea, 72 of which occurred in children under 5, arise from want of care and attention to the feeding. Many mothers have to work and leave their infants to be fed when they

should be suckled, which will always cause an undue mortality in a working community, but as this agency is constantly at work, we must look elsewhere for the cause of the absolute increase. The deaths from Diarrhoea however were equally too numerous throughout the metropolis, the number being greater than in any preceding year, excepting the Cholera-years, 1849 and 1854, and the year 1857, when Cholera prevailed in the continent, but did not affect us. Hence this great mortality from Diarrhoea may probably be attributed to the existence of a Choleraic constitution of the air, if the term may be allowed.

The deaths from Typhus have increased to a small extent in this District, but it has prevailed epidemically in the metropolis generally. 49 patients were sent to the Fever Hospital in the year, of whom 9 died; 9 of these were sent from Eagle Place, and 5 from Smith's Place, both localities well known to the Vestry as being overcrowded and occupied by those who pay but little attention to personal cleanliness, and the ordinary rules of healthy living.

The deaths from Consumptive diseases increased from 248 to 283; and those from Pulmonary affections from 262 to 347; this increase makes up a great portion of the total increase of mortality. It must be attributed to the very severe cold which prevailed during the early weeks of the year especially, in which the exposed thermometer fell as low as 6° & 7° F. And it may be remarked that in the second week of the year, 65 deaths were registered, including 26 of persons over 60 years of age, the average weekly number of deaths being about 30.

Bakehouses. Towards the end of October the Bakehouses of the District were inspected by the Sanitary Committee and myself, to ascertain that the provisions of the "Act for the regulation of the Bakehouses" were properly carried out. The requirements of this act are briefly:

1. That no person under the age of 18 be employed in a Bakehouse between the hours of 9 o'clock at night and 5 in the morning.
2. That the inside walls and ceiling of every Bakehouse, and the passages and staircase leading thereto, be either painted or lime-washed, or partly painted and partly lime-washed; the paint to be renewed once in 7 years, and washed with hot soap and water at least once in every 6 months, and the lime-washing to be renewed once at least every 6 months.
3. That every Bakehouse be kept clean and provided with means of proper ventilation, and be free from the effluvia of any drain, privy, or other nuisance.
4. That no place on the same level as the Bakehouse and forming part of the same building be used as a sleeping-place, unless it be effectually separated from the Bakehouse by a partition extending from the floor to the ceiling, and unless there be an external glazed window of at least 9 superficial feet area; of which at least 4½ feet are made to open for ventilation.

The number of Bakehouses was 77, 38 being situate in the upper 3 wards, and 39 in the 2 lower.

On inspection, they were found to be of very different kinds; some being large, high, airy, and well ventilated, while others were very small, low, and close, in fact by no means suitable for the purpose, with due regard to the health of the workmen.

51 of them were found to be in tolerably good order; 17 of them however required to be lime-washed, and 9 were in a more seriously defective state, such as being dirty and offensive, without traps to the drains, containing pigs, &c.; and in one a bed with pillows was found. The necessary orders for the removal of these nuisances were made.

Slaughter-houses. The Slaughter-houses were also inspected by the Sanitary Committee and myself. They were 41 in number, kept by 40 butchers.

It may be well to state briefly the conditions upon the fulfilment of which the Slaughter-houses are licensed, as they have not been issued since the licenses were first required.

They are:—That no part of the premises used as a Slaughter-house be inhabited; that the walls be properly lime-whited; that the paving be laid in cement; that there be a properly constructed drain, with a suitable trap to prevent the animal matter from entering the drain; that there be a proper water supply; with receptacles for holding the garbage until its removal, and that no accumulation of refuse be allowed upon the premises.

These conditions were found to be very fairly complied with, the principal defects consisting of imperfections in the cement of the paving, which were ordered to be remedied.

Cowhouses. The cowhouses were also inspected. They were 32 in number, kept by 29 Cow-keepers, the number of cows being 652. The numbers for the preceding year were 32, 28, and 669 respectively. The conditions required for the licensing of the Cowhouses, are: that they be properly lighted and ventilated; that they and the adjoining yards be properly paved and drained; that there be a proper supply of water; a properly constructed dung pit; and that grain bins or pits be kept clean and in good repair; that the Cowhouses be cleaned twice, and the yards once a day; that the dung be swept up twice a day, and removed three times a week before 8 o'clock in the morning; and that the Cowhouses be lime-whited at least twice every year.

Wherever Cowhouses are kept in the metropolis, there must be a nuisance arising from the effluvia evolved by the decomposing dung and the fermenting grains. But if the above regulations were properly carried out, the nuisance would be reduced to a minimum.

In most cases the nuisance has not been sufficient to give rise to complaint, but in two or three instances where cows are kept in large numbers, the complaints made have been great and frequent.

Sanitary Improvements. The following are the principal Sanitary improvements which have been effected in the year: 118 feet of new sewer have been laid down; 3 sewers have been repaired and 67 cleansed; 5 new gullies have been constructed, 4 trapped, 19 repaired,

and 288 cleansed; 32 house-drains laid down, 2 trapped; 41 houses drained; 30 cesspools have been destroyed and filled up, and water-closets substituted for them; 152 loads of soil have been taken out and removed from the sewers and gullies; and 1 new urinal erected.

The meteorology of the year is given in the following table:—

1864.	Temperature, mean	Difference from mean of 93 Years.	Dew Point.	Humidity. (Saturation=100.)	Height of Barometer.	Rain, in inches	Difference from average of 47 Years.
Year	48.5	+ 0.1	41.5	78	29.80	16.7	—8.6
Winter Quarter ... (Jan., Feb., March)	37.9	— 0.6	32.9	83	29.76	4.4	—0.5
Spring Quarter... .. (April, May, June)	53.1	+ 1.0	44.8	73	29.84	3.5	—2.3
Summer Quarter ... (July, Aug., Sept.)	59.4	—0.1	49.7	71	29.85	4.5	—2.0
Autumn Quarter ... (Oct., Nov., Dec.)	43.7	0.0	38.7	83	29.75	4.3	—2.8

This table shows that the mean temperature of the year was slightly above the average, the winter and summer quarters being colder, and the spring quarter warmer than the average of 93 years. While the quantity of rain which fell during the year was very considerably less than the average.

I have the honor to remain,

GENTLEMEN,

Your obedient Servant,

November, 1865.

J. W. GRIFFITH, M.D.

1914		1915		1916		1917	
Month	Days	Month	Days	Month	Days	Month	Days
Jan	31	Jan	31	Jan	31	Jan	31
Feb	28	Feb	28	Feb	28	Feb	28
Mar	31	Mar	31	Mar	31	Mar	31
Apr	30	Apr	30	Apr	30	Apr	30
May	31	May	31	May	31	May	31
Jun	30	Jun	30	Jun	30	Jun	30
Jul	31	Jul	31	Jul	31	Jul	31
Aug	31	Aug	31	Aug	31	Aug	31
Sep	30	Sep	30	Sep	30	Sep	30
Oct	31	Oct	31	Oct	31	Oct	31
Nov	30	Nov	30	Nov	30	Nov	30
Dec	31	Dec	31	Dec	31	Dec	31

THE UNIVERSITY OF CHICAGO PRESS

SURVEYOR'S REPORT.

VESTRY HALL, CLERKENWELL,

July 27th, 1865.

TO THE VESTRY OF THE PARISH OF ST. JAMES AND
ST. JOHN, CLERKENWELL.

GENTLEMEN,

I beg respectfully to submit the following Report
for the year ending Lady-day, 1865 :—

SEWAGE AND SANITARY WORKS.

During this period 118 ft. of 9-inch pipe sewer was laid down in
Queen Street.

3 sewers were repaired, and 67 cleansed.

5 new gullies were constructed, 4 trapped, 19 repaired, and 288
cleansed.

32 house-drains were laid down, comprising 1 15-inch, 1 12-inch,
13 9-inch, and 17 6-inch drains ; whilst 41 houses have been drained,
and 2 house-drains have been trapped.

30 Cesspools have been destroyed and filled up, and water-closets
substituted for them.

152 loads of soil were taken out and removed from the sewers
and gullies.

1 new water post was fixed in Upper Charles Street.

And 1 new urinal erected in Arlington Street.

ROAD AND PAVING WORKS.

For the maintenance and reparation of the roadway, 1849 cube yards of material were supplied, and were used in the following proportions of the various kinds, viz:—

887	cube yards of broken Guernsey Granite.
111	„ „ Aberdeen „
306	„ „ Flints
404	„ „ Ballast
141	„ „ Kentish Rag
	42 square yards of new half-sovereign stones
10312	„ „ carriage-way relaid
	(Of this 8,437 yards were for the Companies.)
5492	feet of new $2\frac{1}{2}$ York
	(Of this 214 feet were for the Companies.)
39144	square feet of York relaid
	(Of this 16,766 feet were for the Companies.)
3367	feet run of curb relaid
	(Of this 753 feet were for the Companies.)
77	feet run of new edge curb.
36	„ curb re-dressed

I have the honour to be,

GENTLEMEN,

Your obedient servant,

SANDERS BEVAN,

Surveyor.

VESTRYMEN

OF THE PARISH OF

ST. JAMES & ST. JOHN, CLERKENWELL,

IN THE COUNTY OF MIDDLESEX,

Elected Pursuant to the Metropolis Local Management Act.

18TH AND 19TH VICTORIÆ, CAP. 120.

TO GO OUT OF
OFFICE IN

WARD No. 1.

1866	Mr. ALEXANDER WRIGHT	...	...	...	27, Penton Street.
"	Mr. PETER JAMES	...	...	...	22, Cumming Street.
"	Mr. HENRY PENNY	...	...	...	4, Mount Row.
"	Mr. GEORGE HICKMAN	...	...	...	56, Wynyatt Street.
1867	Mr. RICHARD OFFORD	...	...	...	101, White Lion Street.
"	Mr. GILES SILVERSIDE	...	...	...	172, Pentonville Road.
"	Mr. JOHN CHEETHAM	...	...	...	212, Pentonville Road.
"	Mr. JAMES WILLIAM FRANKLIN	...	...	...	45, Chapel Street.
1868	Mr. FREDERICK THOMAS TUCKER	...	...	...	53, Southampton Street.
"	Mr. ALFRED GOAD	...	...	...	14, High Street.
"	Mr. WILLIAM BAMFORD	...	...	...	16, White Lion Street.
"	Mr. JOHN DAVIES	...	...	...	18, Penton Place.

WARD No. 2.

1866	Mr. WILLIAM BLOGG	...	...	...	6, Wharton Street.
"	Mr. RICHARD HENRY JONES	...	...	...	11, Holford Square.
"	Mr. WILLIAM HENRY SHEEHY	...	...	...	4, Claremont Square.
"	Mr. FREDERICK WM. WILLCOCKS	...	...	...	13, Lloyd Square.
"	Mr. COLIN R. ROBERTS	...	...	...	29, Wharton Street.
1867	Mr. JOHN PHILLIPS	...	...	...	106, King's Cross Road.
"	Mr. JOHN WALTER HOPKINS	...	...	...	10, Myddelton Street.
"	Mr. THOMAS DIX	...	...	...	10, Amwell Street.
"	Mr. JOHN STANTON	...	...	...	6, Lloyd Street.
"	Mr. EDWARD DANIEL JOHNSON	...	...	...	9, Wilmington Square.
1868	Mr. GEORGE SAYWELL	...	...	...	1, Percy Circus.
"	Mr. THOMAS DRAYTON	...	...	...	1, Holford Square.
"	Mr. STEPHEN MARTIN	...	...	...	13, Claremont Square.
"	Mr. PETER SHEDDEN	...	...	...	7, Claremont Square.
"	Mr. HENRY STANTON	...	...	...	9, Amwell Street.

WARD No. 3.

1866	Mr. DANIEL TITMUSS	...	...	...	22, Claremont Square.
"	Mr. HENRY FLEAR	...	...	...	297, Goswell Road.
"	Mr. EDWARD STOKES	...	...	...	1, Spencer Street.
"	Mr. JAMES ROSE	...	...	...	1, Upper Chadwell Street.
1867	Mr. WILLIAM GILLINGWATER	...	...	...	353, Goswell Road.
"	Mr. HENRY WILLIAM JOHNSON	...	...	...	10, Green Terrace.
"	Mr. GEORGE BALDERSON	...	...	...	315, Goswell Road.
"	Mr. FREDERICK HANNAFORD	...	...	...	46, Clerkenwell Green.
1868	Mr. EDWARD LAWRENCE	...	...	...	329, Goswell Road.
"	Mr. GEORGE STEVENS	...	...	...	223, Goswell Road.
"	Mr. THOMAS GLOVER	...	...	...	49, Sekforde-Street.
"	Mr. JOHN BACON	...	...	...	30, Pentonville Road.

WARD No. 4.

1866	Mr. DENNIS McDONNELL	...	...	65, Pentonville Road.
"	Mr. JOHN GRIFFITHS	...	...	41, Clerkenwell Green.
"	Mr. GEORGE WENBORN	...	...	10, Sekforde Street.
"	Mr. PIERRE STEPHEN POLEY	...	...	36, Clerkenwell Green.
"	Mr. HENRY HOLLAND	...	...	14, Northampton Square.
"	Mr. THOMAS BOWYER ARNETT	...	...	31, Sekforde Street.
1867	Mr. JAMES BEST	...	...	42, Rosoman Street.
"	Mr. WILLIAM EUSTACE	...	...	2, Gloucester Street.
"	Mr. THOMAS PARTRIDGE	...	...	4, Rodney Street.
"	Mr. WILLIAM EBBETTS BRIDGES	...	...	111, St. John Street.
"	Mr. CHARLES HILL	...	...	166, St. John Street Road.
"	Mr. JOSEPH TASKER	...	...	105, St. John Street.
1868	Mr. CORNELIUS BROOKS HOLLIDAY	...	...	7, Upper Charles Street.
"	Mr. FREDERICK WILLIS	...	...	9, Percival Street.
"	Mr. JOHN MOORE	...	...	44, Cold Bath Square.
"	Mr. GEORGE CROUCHER	...	...	44½, Farringdon Road.
"	Mr. THOMAS GREENWOOD	...	...	21, St. James's Walk.
"	Mr. THOMAS CHARLES BLUNDELL	...	...	123, St. John Street.

WARD No. 5.

1866	Mr. THOMAS STEVENS BARRINGER	...	...	96, St. John Street.
"	Mr. EDWARD REDFERN	...	...	68, Turnmill Street.
"	Mr. THOMAS NIXEY	...	...	80, St. John Street.
"	Mr. HENRY SMITH	...	...	49, St. John Street.
"	Mr. JOHN BLENCH	...	...	28, St. John Street.
1867	Mr. WILLIAM MASON	...	...	22, Clerkenwell Green.
"	Mr. JAMES BRADNAM	...	...	31, Aylesbury Street.
"	Mr. WILLIAM PHILLIPS	...	...	17, Clerkenwell Green.
"	Mr. EDWARD REED	...	...	32, Northampton Street.
"	Mr. EDWARD CLARK	...	...	11, Berkley Street.
1868	Mr. JOHN HURREN	...	...	84, St. John Street.
"	Mr. THOMAS PACE	...	...	28, Gt. Sutton Street.
"	Mr. FREDERICK KING	...	...	45, St. John Street.
"	Mr. WILLIAM JAMES HARRISON	...	...	102, St. John Street.
"	Mr. GEORGE SWAN	...	...	94, St. John Street.

Representative at the Metropolitan Board of Works, DENIS McDONNELL, Esq.,
(Whose term of office will expire by effluxion of time on the second Wednesday in June, 1866.)

EX-OFFICIO MEMBERS.

St. James's.

Rev. ROBERT MAGUIRE, M.A., Incumbent	...	...	39, Myddelton Square.
Mr. EDWARD JOHN THOMPSON, Churchwarden	...	...	5 and 6, Percival Street.
Mr. WILLIAM GILLINGWATER, Churchwarden	...	...	353, Goswell Road.

St. John's.

Rev. HUGH HUGHES, D.D., Rector	...	...	9, River Street.
Mr. JOHN DIX, Churchwarden	...	...	3, Aylesbury Street.
Mr. GEORGE JOHN OLIPHANT, Churchwarden	59, Red Lion Street.

FINANCE COMMITTEE.

DENIS McDONNELL, Esq., Ex-OFFICIO.

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"	" G. HICKMAN
Ward 2,	" R. H. JONES
"	" P. SHEDDEN
Ward 3,	" J. ROSE
"	" F. HANNAFORD
Ward 4,	" J. BEST
"	" J. TASKER
Ward 5,	" T. NIXEY
"	" J. DIX

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PARLIAMENTARY COMMITTEE.

DENIS McDONNELL, Esq., Ex-OFFICIO.

Mr. T. PARTRIDGE
" W. EUSTACE
" T. GLOVER
" P. S. POLEY
" JNO. DIX
" F. WILLIS
" E. D. JOHNSON

—o—

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DENIS McDONNELL, Esq., Ex-OFFICIO.

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"	" R. OFFORD
"	" J. DAVIES
Ward 2,	" W. BLOGG
"	" J. PHILLIPS
"	" J. STANTON
Ward 3,	" E. LAWRENCE
"	" W. GILLINGWATER
"	" T. GLOVER
Ward 4,	" C. HILL
"	" W. EUSTACE
"	" T. GREENWOOD
"	" G. CROUCHER
Ward 5,	" JOHN DIX
"	" E. REDFERN
"	" W. J. HARRISON
"	" EDWARD CLARK

—o—

AUDITORS OF ACCOUNTS.

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" 2,	" W. J. BARLOW, 40, Holford Square
" 3,	" D. COOKSEY, 52, Amwell Street
" 4,	" J. HART, 43, Rosoman Street
" 5,	" J. TERRY, 25, St. John Street

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" W. EUSTACE
" G. HICKMAN
" J. GRIFFITH
" T. GLOVER
" J. PHILLIPS
" J. CHEETHAM
" E. REDFERN
" J. BEST
" T. C. BLUNDELL
" E. D. JOHNSON
" G. BALDERSON
" J. W. HOPKINS

—o—

TRUSTEES OF THE BANKING ACCOUNT.

Mr. R. H. JONES
" A. WRIGHT
" D. TITMUSS
" C. HILL
" T. NIXEY

—o—

ASSESSMENT AND APPEAL COMMITTEE.

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"	" A. WRIGHT
"	" J. DAVIES
"	" F. T. TUCKER
Ward 2,	" W. BLOGG
"	" J. PHILLIPS
"	" J. W. HOPKINS
"	" J. STANTON
Ward 3,	" W. GILLINGWATER
"	" G. BALDERSON
"	" E. LAWRENCE
"	" J. ROSE
Ward 4,	" C. HILL
"	" W. EUSTACE
"	" F. WILLIS
"	" G. CROUCHER
Ward 5,	" E. REDFERN
"	" E. CLARK
"	" J. DIX
"	" T. NIXEY

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Churchwardens.

Mr. E. J. THOMPSON
" W. GILLINGWATER

Overseers.

Mr. J. BACON
" C. B. HOLLIDAY
" R. OFFORD
" J. W. FRANKLIN

OFFICERS UNDER THE METROPOLIS LOCAL MANAGEMENT ACT.

Vestry Clerk.

Mr. ROBERT PAGET 60, Pentonville Road.

Assistant Clerk.

Mr. F. DETHRIDGE 6, Upper Chadwell Street.

Junior Clerk.

Mr. EDMUND PURDY 133, Packington Street, Islington.

Surveyor.

Mr. SANDERS BEVAN 53, Cumming Street, Pentonville.

Inspectors of Nuisances and Street Keepers.

WARDS, 1, 2, & 3.

ALEXANDER WILLIAMS 29A, Upper Rosoman Street.

WARDS 4 & 5.

CASS BUCKLER 46, St. John Square.

Solicitor to the Vestry.

Mr. WILLIAM JAMES BOULTON Northampton Square.

Medical Officer of Health.

J. W. GRIFFITH, M.D. 6, Wrotham Road, Camden New Town

Collectors.

WILLIAM JOHN IRONSIDE... .. 36, Baker Street, Lloyd Square.
 CHARLES ROBERT HOLLIDAY 9, King Street.
 GEORGE BENNETT 132, St. John Street Road.
 WILLIAM BROWN 18, St. John Square.



