

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

Contributors

Paddington (London, England). Parish. Vestry.
Stevenson, James.

Publication/Creation

1877.

Persistent URL

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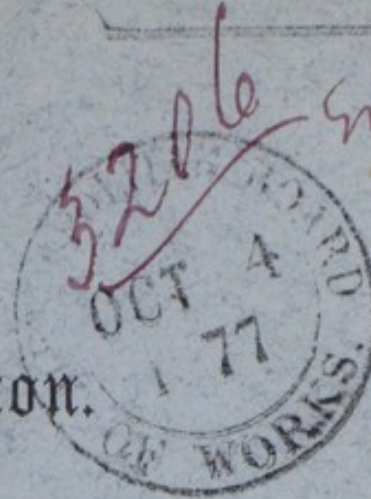
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11 JAN 7

Paddington.



METROPOLIS LOCAL MANAGEMENT ACT.

REPORT OF THE VESTRY,

FOR THE YEAR ENDING 25TH MARCH,

1877.



11 JAN 1878

Paddington.

METROPOLIS LOCAL MANAGEMENT ACT.

REPORT OF THE VESTRY,
FOR THE YEAR ENDING 25TH MARCH,

1877.

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STUDY

METROPOLIS LOCAL MANAGEMENT ACT

REPORT OF THE VESTRY

FOR THE YEAR ENDING 31st MARCH

1877

PADDINGTON.

The Parish of Paddington, in the County of Middlesex, extends Northward from the Marble Arch to Kilburn Gate; and Westward from the Marble Arch to Kensington Palace Gardens; it is bounded on the North by Willesden; on the South by St. George's, Hanover Square, and St. Margaret, Westminster; on the East by Marylebone; and on the West by Kensington and St. Luke, Chelsea; its length from North to South being nearly Two Miles, and its superficial extent about 1,280 acres. The Parish is within the jurisdiction of the Metropolitan Board of Works, to which Board it returns One Member; and its management is vested in Seventy-Two Elected Vestrymen, who meet at the Vestry Hall, Harrow Road, on the first and third Tuesdays in each month (August excepted) for the transaction of their ordinary business. For parochial purposes the Parish is divided into Four Wards, the boundaries of which are as follow; viz. :—

WARD
ONE.

ALL that portion of the Parish which lies within a line drawn along the centre of Harrow Road from the point at which the same intersects the boundary of the said Parish, and thence along the centre of such Road to a point directly opposite the centre of the Road on Westbourne Terrace Bridge, and thence along the centre of such Road and of Westbourne Terrace, to the centre of Bishop's Road, and thence Westward along the centre of Bishop's Road and Westbourne Grove to the West boundary of the said Parish at the point where the same intersects the centre of Westbourne Grove, and thence Northward continuously along the said boundary to the point mentioned at the commencement of the foregoing description.

WARD TWO. { ALL that portion of the said Parish which lies North of Ward No. 1 and a line drawn from the boundary of such Ward Southward along the centre of Westbourne Terrace to a point directly opposite the West end of the centre of Craven Road, and thence along the centre of Craven Road and Praed Street, and thence in a direct line to the boundary of the said Parish.

WARD THREE. { ALL that portion of the said Parish which lies South of Ward No. 1 and a line drawn from the boundary of such Ward Southward along the centre of Westbourne Terrace, Sussex Gardens, and Westbourne Street, and thence in a direct line to the boundary of the said Parish.

WARD FOUR. { ALL that portion of the said Parish which is not comprised within the foregoing descriptions of the other Wards.

Under the Reform Bill of 1832, Paddington was united with the adjoining Parishes of St. Marylebone and St. Pancras, such incorporation being called the Boro' of Marylebone, and returning Two Members to Parliament.

In the year 1870, upon the passing of the Elementary Education Act, the Parish, together with St. Marylebone, St. Pancras, and St. John, Hampstead, were united into a District called the District of Marylebone, for the purposes of the School Board for London, such District returning Seven Members to the Board.

There are at present in the Parish 14 Ecclesiastical Districts viz. :—

St. James',	St. Luke's,
„ John's,	„ Saviour's,
„ Mary's,	„ Michael and All Angels,
Holy Trinity,	Christ Church,
St. Paul's,	St. Mary Magdalene,
All Saints',	„ Peter's,
St. Matthew's,	„ Stephen's.

The Parochial Workhouse is situated in the Harrow Road near the Lock Hospital premises, its management being in the hands of Eighteen Guardians, elected annually, together with the resident Justices of the Peace. The Schools for the Workhouse children are at Ashford, near Staines, Paddington having been united by the Poor Law Board with St. George, Hanover Square, and Fulham, to form a District called the West London School District.

The Cemetery for the Parish is at Willesden, and is managed by a Board consisting of Nine Members appointed by the Vestry, such Board meeting at the Vestry Hall on the first Friday in each month.

For Registration purposes, Paddington has been divided by the Registrar General into the St. Mary's District and the St. John's District. The divisional line of the two districts traverses the centre of the road in Praed Street from Edgware Road to the Canal Basin, continues thence along the centre of the Canal Basin as far as the Bishop's Road, and passes Westward from thence along the centre of the Bishop's Road and Westbourne Grove to the Western boundary of the Parish; the St. Mary's District lying on the North, and the St. John's District on the South of such divisional line.

For the purpose of providing the Parish with Public Baths and Wash-houses, Commissioners have been appointed by the Vestry, and Baths in the Queen's Road were opened in May, 1874, on the site of premises formerly numbered 143 and 145.

The Gas consumed in Paddington is supplied by The Gas Light and Coke Company, and the Water by two Companies, viz. :— the Grand Junction Waterworks Company and the West Middlesex Waterworks Company.

The population, as shewn by the Census taken in 1871, is as under, viz. :—

Ward No. 1	.....	21,793
„ „ 2	.....	41,029
„ „ 3	.....	18,469
„ „ 4	.....	15,522

Making a total of 96,813

The number of inhabited houses being 11,874.

The Rates levied since the passing of the Metropolis Local Management Act to the end of the year 1876, are as under, viz. :—

	s.	d.		£
For the year 1856..	2	1	{ based upon a rateable value of	522,570
1857..	2	6	„	538,879
1858..	2	4	„	582,995
1859..	2	7	„	605,382
1860..	3	0	„	625,479
1861..	2	8	„	643,063
1862..	2	8	„	617,840
1863..	2	8½	„	646,256
1864..	3	0	„	663,172
1865..	3	0	„	685,434
1866..	3	2	„	704,714
1867..	3	6	„	729,838
1868..	3	5½	„	740,686
1869..	3	9	„	759,158
1870..	4	0	„	773,524
Under the Provi- sions of the Valu- ation (Metro- polis) Act, 1869.	1871..	3 4	„	954,868
	1872..	3 1½	„	968,340
	1873..	3 7	„	987,741
	1874..	3 7½	„	999,245
	1875..	3 6	„	1,086,900
	1876..	3 6	„	1,091,456

There are certain Charities under the control of the Vestry, managed by Trustees appointed by the Vestry and the Charity Commissioners, and having an annual income of more than Fifteen Hundred Pounds, which is annually distributed to the Poor in Coals and Blankets, in Grants to the Parochial National Schools, in apprenticing sons and daughters of poor parishioners, and in Annuities to aged persons resident in the Parish, &c.

REPORT.

The following is a List of the Names and Addresses of the Vestrymen and Auditors of the several Wards, namely:—

The Rev. JAMES MOORHOUSE, D.D., 57, Sussex Gardens,
Vicar of Paddington.

Mr. JAMES FLOOD 24, Burlington Road.
ARCHIBALD FRANCIS ARBUTHNOT, Esq. 25, Hyde Park Gardens.
Churchwardens.

ENOCH MOORE, Esq. 13, Aldridge Road Villas.
Mr. THOMAS FISHER 55, Shirland Road.
Overseers.

CHARLES MILLS ROCHE, Esq. 98, Gloucester Terrace.
Representative of the Vestry at the Metropolitan Board of Works.

WARD No. 1.

FOR ONE YEAR.

CHEW, THOMAS, Esq. 15, Durham Terrace.
EVANS, ROBERT, Esq. 48, Westbourne Park.
FLOOD, Mr. JAMES 24, Burlington Road.
FLOOD, Mr. JAMES WILLIAM 8, Westbourne Grove.
MOORE, ENOCH, Esq. 13, Aldridge Road Villas.

FOR TWO YEARS.

ANDERSON, Mr. JAMES PORTER ... 10, Richmond Road.
BAUKE, ALGERNON, Esq. 95, Talbot Road.
BRAID, CHARLES, Esq. 13, Westbourne Park Road.
GOODWIN, Mr. BENJAMIN 18, Jonson's Place.
LYONS, Mr. BENJAMIN 5, Oliver Terrace, Har-
row Road.

FOR THREE YEARS.

BROWN, Mr. HENRY MARK 84, Westbourne Grove.
BURMESTER, Major-General ARNOLD
EDWARD, C.B. 11, St. Stephen's Square.
ELLERTON, JOHN, Esq. 3, Aldridge Road Villas.
SNELL, Mr. EPHRAIM 2, Westbourne Park Villas.
VICKERMAN, Mr. WILLIAM JOHN .. 82, Westbourne Grove.

Auditor.—PLIMLEY, Mr. FRANCIS, 1, Richmond Road.

WARD No. 2.

FOR ONE YEAR.

COLLINS, HENRY HYMAN, Esq.	5,	Randolph Road.
GWYN, Mr. GEORGE	32,	London Street.
HANN, Mr. ROBERT BARNICOT	8,	Howley Place.
MARSHALL, Mr. FRANCIS.....	31,	Elgin Road West.
PHILPOT, Mr. HENRY	32,	Praed Street.
SPENCER, Mr. HENRY ARGYLE	19,	Shirland Road.
SPENCER, Rev. ROBT. FRANKLYN, LL.D.	22,	Clarendon Road.
WEBB, Mr. MATTHEW	325,	Edgware Road.

FOR TWO YEARS.

ANGLE, Mr. HENRY BUTLER	22,	Bishop's Road.
NAYLOR, WILLIAM, Esq.	3,	Manor Place.
RICHARDSON, Mr. SAMUEL	46,	Chippenham Road.
SETON, MILES CHARLES, Esq.....	10,	Maida Hill West.
URQUHART, Mr. WILLIAM	327,	Edgware Road.
WILKINSON, Mr. HENRY.....	7,	Porteus Road.
WILLIAMSON, JOHN WILLIAM, Esq...	24,	Warwick Road.
WINGROVE, Mr. STEPHEN	10	Chichester Street.

FOR THREE YEARS.

BICKER-CAARTEN, ALFRED GERARD, Esq.	2,	Warrington Gardens.
BUCKLEY, Rev. JOHN WALL	1,	St. Mary's Terrace.
DOUGHTY, Mr. HENRY.....	24,	Bishop's Road.
ELLIS, WILLIAM, Esq.	40,	Clifton Gardens.
KNECHT, Mr. GEORGE	19,	Chichester Road.
LAND, JOHN BIRCH, Esq.	81,	Warrington Crescent.
MARTIN, Mr. JOHN	3,	Warwick Place.
YOUNG, EDWARD PARKER, Esq.....	10,	Delamere Crescent.

Auditor.—HALLETT, Mr. WALTER, 14, Bridge Terrace.

WARD No. 3.

FOR ONE YEAR.

BRUNEL, ISAMBARD, Esq., D.C.L....	15,	Devonshire Terrace.
CLARKE, HENRY DANIEL, Esq.		Desboro' House, Harrow Road.
LANGRIDGE, Mr. WILLIAM	13,	Craven Road.
LONGMAN, Mr. THOMAS	1,	Bathurst Mews.
ROCHE, CHARLES MILLS, Esq.	98,	Gloucester Terrace.
WATSON, SYDENHAM JOHN CURBY, Esq.	22,	Inverness Road.

FOR TWO YEARS.

ETHERINGTON, Mr. STEPHEN	18, Lancaster Street.
FISHER, Mr. THOMAS	55, Shirland Road.
HAWES, Mr. ROBERT	1A, Moscow Road.
HUNTER, JOHN HUMPHREY, Esq. ..	40, Gloucester Crescent.
REID, Mr. JOHN	46, Craven Road.
WHUR, Mr. ROBERT	28, Craven Terrace.

FOR THREE YEARS.

DAVIDSON, DUNCAN, Esq.	4, Lancaster Gate.
FOXLEY, Mr. FREDERICK.....	25 & 26 Leinster Terrace.
GOLD, Mr. ROBERT	24, St. Petersburg Place.
KEMSHEAD, HENRY MORRIS, Esq., J.P.,	Westbourne Lodge, Porchester Road.
PHILIPSON, Mr. MICHAEL	37, Craven Terrace.
WILLIAMS, Mr. FREDERICK JOHN ..	8, Craven Road.

Auditor—BUCKLAND, Mr. WILLIAM THOMPSON, 20, Queen's Road.

WARD No. 4.

FOR ONE YEAR.

GASELEE, Mr. Serjeant STEPHEN ..	2, Cambridge Square.
GRIFFITH, CHARLES MARSHALL, Esq.	31, Hyde Park Square.
HALL, Mr. RICHARD	9, Stranraer Place.
PARRY, Mr. THOMAS.....	79, Oxford Terrace.
PRESCOTT, FREDERICK JOSEPH, Esq.	13, Oxford Square.

FOR TWO YEARS.

BAKER, Sir GEORGE, Bart.	4, Hyde Park Square.
LOCOCK, Sir CHARLES BRODIE, Bart.	9, Cambridge Square.
NICOL, WILLIAM EDWARD, Esq.....	13, Hyde Park Terrace.
PEAKE, FREDERICK, Esq.	3, Norfolk Crescent.
WILSON, JOHN, Esq.	38, Norfolk Square.

FOR THREE YEARS.

ARBUTHNOT, ARCHIBALD FRANCIS, Esq..	25, Hyde Park Gardens.
FERRIER, ALEXANDER JOHN, Esq. ..	6, Somers Place.
STRATTON, Mr. STEPHEN	34, Albion Street.
SHAW, BENJAMIN, Esq.....	8, Cambridge Square.
WYATT, HUGH PENFOLD, Esq.....	18, Oxford Square.

Auditor—DUNNING, Mr. JOHN RICHARD, 197 Edgware Road.

The Officers of the Vestry are as follow, viz. :—

Vestry Clerk	FRANK DETHRIDGE.
First Assistant	WILLIAM DAVISON.
Second do.	JOHN MITCHELL HUISH.
Third do.	ARTHUR WM. JAMES RUSSELL.
Fourth do.	GERARD BICKER-CAARTEN.
Surveyor	GEORGE FREDERICK STEVENS.
First Assistant	RIMELL GADSDEN.
Second do.	THOMAS WHITE.
Clerk of Works.....	JOHN CONWAY.
Clerk in Surveyor's Department	GILBERT HARNDEN.
Ditto	ARTHUR JAMES GARNER.
Superintendent of Stone Yard .	JAMES STEVENS.
Medical Officer of Health	JAMES STEVENSON.
Inspector of Nuisances	THOMAS REEVES CLIFFORD.
Ditto	CHARLES JOHN BIORN.
Public Analyst	ALFRED GEORGE ANDERSON.
Inspector under the provisions of the Adulteration of Food Act	THOMAS REEVES CLIFFORD.
Inspector of Public Lighting ..	GEORGE WESTON.
Inspector of Dust and Refuse ..	GEORGE WESTON.
Bookkeeper and Checking Clerk	HENRY WILLIAM SAWYER.
(<i>Dust Department.</i>)	
Assistant Overseer	GEORGE HARTTREE.
Collectors { Ward No. 1	REUBEN FARROW.
{ Ward No. 2 { <i>A Division.</i> JAMES WILLIAM CUFF.	
{ { <i>B Division.</i> ROBERT CHEADLE.	
{ Ward No. 3	JOHN GORDON.
{ Ward No. 4	JOHN BARRABLE.
Vestry Hall Keeper	WILLIAM MATTHEWS.
Beadles	{ WILLIAM PORTER.
	{ GEORGE DARLEY OSTERFIELD.

The following Contracts have been entered into, namely :—

DATE WHEN ENTERED INTO.	NAME OF CONTRACTOR.	NATURE OF CONTRACT.	PRICE.
6th June, 1876	Messrs. Thomas & Butland.	For the erection of additional Stabling on No. 10 Wharf, Amberley Road.....	£358.
13th July, 1876 ...	Henson's Street Paving Co.	For laying down Wood Pavement in Uxbridge Road, between Craven House and Porchester Terrace (certain Ratepayers contributed towards defraying the cost of this work)	14s. per Yard Super. 11d. per Ton. 10s. 6d. per Day. 42s. per Day for 2 Men and 4 Horses. 11s. 6d. per Day for 1 Man and 1 Horse. 3s. 6d. per Ton. 3s. 6d. per Ton.
6th February, 1877.	Messrs. A. & F. Culverhouse	For Carting Materials	As per Schedule of Prices.
Ditto	Ditto	For Day Work	The Contractor to receive 12s. per day for each Man, Horse and Cart, and 12s. per day for Man and Horse with Harness, for working Water Vans.
Ditto	Ditto	For Working Street Roller	The Contractor to receive 12s. 6d. per day for each Man, Horse and Cart, and 12s. 6d. per Day, for Man, and Horse with Harness, for working Water Vans.
Ditto	Ditto	For Working Road Scrapers	
Ditto	Mr. William Studds	For Sifted Gravel	
Ditto	Ditto	For Unsifted Gravel and Hoggins	
Ditto	Messrs. Mowlem & Co.	For Paving Works.....	
Ditto	Mr. William Boyer	For Watering the Roads— <i>A</i> District of the Parish	
Ditto	Mr. William Studds	For Ditto <i>B</i> District of the Parish	
Ditto	Mr. William Boyer	For Carting Road Scrapings and Street Sweepings— <i>A</i> District of the Parish..	The Contractor to receive £3,790.
Ditto	Mr. William Studds	For Ditto <i>B</i> District of the Parish..	Ditto £2,775.
Ditto	Messrs. Tildesley & Minter.	To receive on their Wharf, any quantity of dust, ashes, and refuse, (not less 6,000 loads) collected in the Parish.....	1s. per Load.
20th March, 1877..	Messrs. A. & F. Manuelle..	For Guernsey Granite	14s. 7d. per Cubic Yard.
Ditto	Messrs. Nowell & Robson..	For Narborough Granite	13s. 6d. per Cubic Yard.

The following Rates have been levied, namely :—

Date.	Poor.	Lighting.	General.	Sewers.	Consolidated.	TOTAL.
	d.	d.	d.	d.	d.	s. d.
April ...1876...	9½	1	6	—	2½	1 7
October 1876...	11½	1	7½	½	2½	1 11
TOTAL	1s. 9d.	2d.	1s. 1½d.	0½d.	5d.	3s. 6d.

The present Assessment of the Parish to the Poor Rate is £1,091,436.

The number of Borough Voters according to the present Register is 6,983.

The number of County Voters is 73.

The number of persons returned in the Jury List presented to the Justices of the Peace on the Twenty-fifth day of September last, amounted to 5,218.

During the year 25 Meetings of the Vestry and 137 Meetings of the various Committees have been held, making a total of 162 Meetings.

The Works, Sanitary and otherwise, carried into effect during the year, appear in the Reports of the respective Officers, hereunto annexed, and such reports are followed by the Documents required by the 198th Section of the Metropolis Local Management Act, with which the present Report concludes.

By Order,

FRANK DETHRIDGE,

Vestry Clerk.

VESTRY HALL, HARROW ROAD,

June 14th, 1877.

REPORT
OF THE
WORKS EXECUTED
IN THE
PAVING & SEWERS DEPARTMENTS.

By GEORGE F. STEVENS,

SURVEYOR.

REPORT

WORKS EXECUTED

PAVING & SEWERS DEPARTMENTS

BY GEORGE H. STEVENS

HARTFORD

TO THE
VESTRY OF PADDINGTON.

SURVEYOR'S DEPARTMENT,

VESTRY HALL;

30th June, 1877.

GENTLEMEN,

I beg to submit this, my Annual Report, on the chief Works executed, and in reference to various business transactions in this Department, during the year ended Lady-day, 1877.

Highways.

In Albion Mews North and Chester Mews, the old pebble and rag stones were taken away, broken up and used for repairing macadamized roads. New Granite Paving has been substituted, and the surface rendered more suitable and convenient for traffic.

The carriage roads under the arch-ways of four Mews have been paved with wooden blocks, at the request of occupiers of adjoining premises, and at the cost of the Vestry.

Four Cab Stands were paved with new Granite Cubes, and thereby rendered healthy for men and horses.

The macadamized roadway on Bishop's Road Bridge has been removed, and new Granite Cube Paving substituted. The accumulation of loose stones on the surface of the road and its frequently muddy condition is now obviated.

The channel paving in various streets has been taken up, relaid and repaired with old stones, re-dressed for the purpose. Fifteen crossings at the intersections of streets were paved with Granite of the best description.

The footway pavements in many parts of the Parish have been taken up and relaid where necessary, and new Yorkshire flags substituted for those worn and broken by the traffic.

The paving of several new streets under the powers of the Metropolis Management Acts have been executed by the Vestry, at the cost of owners of houses and land, and the length thereof added to the previous extent of roads, make a total of 43 miles, 3 furlongs, and 65 yards, now under the control of the Vestry.

The Carriageways have been successfully repaired, with the assistance of the Steam Road Roller, during the stoppage and diversion of the traffic, as approved by the Metropolitan Board of Works.

The Gas and Water Companies and other parties have opened the streets in 2,171 places, for the purpose of laying and repairing Pipes, constructing and repairing Vaults and Ovens, and making alterations or additions to premises. The costs of re-instating the streets were paid to the Vestry.

Buildings, Sewers, and Drains.

Orders of Vestry have been served upon 43 persons, who gave the required Notices in accordance with the 76th Section of the Metropolis Local Management Act, 1855, for the drainage of 129 new Buildings, namely—2 Chapels, 2 School Buildings, 120 Houses, and 3 Stables ; also blocks of Stabling in two private stable yards. Copies of such Orders, attached to the Notices, are filed at the Vestry Hall for future reference.

Two miles, five furlongs, and one hundred and sixty-eight yards of Stoneware Drain Pipes have been laid down to the above-mentioned new premises, at an estimated cost to the owners of the property of £1,270.

Ninety applications have been received from owners and occupiers of houses, for the re-construction and repair of Drains under the public roads and footways, and the Works were executed by the Vestry's Contractor, at the applicants' expense.

In the undermentioned new streets, Brick Sewers of the capacity of 3' 9" by 2' 6", together with the requisite side entrances and air openings, have been constructed by private parties, viz. :—

Thorngate Road.

Rundell Road.

Barnsdale Road, between Walterton and Fernhead Roads.

Fernhead Road, between Barnsdale and Errington Roads.

Princes Square, from No. 22 to Moscow Road.

Warwick Road North.

A portion of the Brick Barrel Sewer in Maida Hill West, opposite the house No. 2, has been taken up, and 12" stoneware pipes laid in lieu thereof, at a lower level, to improve the drainage of the said premises, at the expense of the owner thereof.

In consequence of complaints received from the Engineer of the Metropolitan Railway, respecting a leakage of sewage through a portion of the retaining wall on the South side of Queen's Road Station, adjoining Poplar Place, the brick and pipe sewer abutting on the wall being defective, it was taken up, and 15" stoneware pipes laid in lieu thereof, at the expense of the Vestry.

About sixty feet of pipe sewer in Porchester Square Mews being defective, new pipes were substituted, at the cost of the Vestry.

Four hundred and sixty distinct Works, relative to the repair of sewers and gulleys, laying pipe drains and fixing traps, have been executed by the Vestry's Contractor, at a cost of £2,429 3s. 0d. This sum includes £846 6s. 0d. received from various persons for laying drain pipes under the public footways and roadways in connection with house drains, fixing traps in sewers at outlets of drains, and constructing gulleys in old and new streets. In addition to the above Works, ninety-eight examinations of house drains were made from sewers as to stoppages in them, and whether trapped at their outlets, at a cost to the applicants of £19 12s. 0d.

One hundred and fifty-five subjects of complaints have been received, referring to stoppages in house and gulley drains and other matters, which received prompt attention. The drains were invariably relieved from stoppage, and left in working condition.

To maintain the sewers in good sanitary condition, they have been flushed with water as often as considered necessary, and with beneficial results.

The work of cleansing the sewers, gulley drains, and catch-pits, is still done by workmen in the employ of the Vestry. During the year 150 loads of heavy deposits which impeded the flow of the sewage matter have been raised to the surface of the roads and carted away. The deposits in catch-pits of the street gulleys have been removed, and 28,603 removals were effected, being at the rate of about 92 gulleys per day, thereby allowing the rain-fall to flow freely away to the sewers.

The seven Public Urinals, with dribbling water apparatus attached thereto, were kept in a state of cleanliness and efficiency by a workman specially employed by the Vestry for that purpose.

The following further improvements in the sewers and street gulleys have been carried out, namely—the construction of 15 side entrances and 3 air openings; also the construction and re-construction of 78 gulleys, and the repair of 52 others.

Re-naming Streets and Re-numbering Houses.

The following Orders of the Metropolitan Board of Works have been carried out in accordance with the 87th Section of the Act of 1862 :—

DATE OF ORDER.	LOCALITY.	SUBSIDIARY NAMES ABOLISHED.	NO. OF HOUSES RE-NUMBERED.
1876.			
May 19 ...	Inverness Terrace...	Inverness Road.....	145
May 19 ...	Connaught Street...	Berkeley Place, Upper Berkeley Street West, and Albion Place	59
June 23 ...	Praed Street	Craven Road, from London Street to Spring Street and Eastbourne Terrace...	166
			—
			370
			—

Schedules containing the names of the occupier or owner of each house have been forwarded to the Metropolitan Board of Works, and Copies of the Schedules are kept in this Department for the identification of property affected by such Orders.

I am,
GENTLEMEN,
Your most obedient Servant,
GEORGE F. STEVENS,
Surveyor.

Paddington.

THIRD ANNUAL REPORT

OF THE

INSPECTOR OF PUBLIC LIGHTING

UPON THE SUBJECT OF THE

AVERAGE METER SYSTEM.

Washington

THIRD ANNUAL REPORT

INSPECTOR OF PUBLIC LIGHTING

AVERAGE METER SYSTEM

PUBLIC LIGHTING DEPARTMENT,

VESTRY HALL ;

June 21st, 1877.

TO THE

VESTRY OF PADDINGTON.

GENTLEMEN,

I beg to submit my Third Annual Report relative to the working of this Department during the year ending Lady-day, 1877.

It will be remembered that the Gas Company applied to the Referees to re-consider and amend the system of measurement for the supply of Gas to the Public Lamps in this Parish, and the result of such appeal, after they had collected much practical information, and tried many experiments, was the issuing of a modified notification on the 11th August, 1876, by which they recommended all the Lamp Cocks, when fully open, to have a Gas-way of one twenty-fifth of a square inch, and that all Governors should be adjusted to come into action at a pressure of $\cdot 2$ of an inch of

water at the point of ignition, instead of $\cdot 5$; this provision they considered ought to be made to meet any contingency, should the pressure in the Mains at any time get below $\cdot 6$, (this being the minimum pressure the Company is bound to maintain by Act of Parliament,) there then being a possibility that the friction of the Meter might slightly influence its correct registration. The alteration, so far as the Governors are concerned, has been the means of producing a better light at $4\cdot 6$ cubic feet per hour than when formerly burning 5 cubic feet per hour, therefore in working at a lower pressure directly under the Burner, the greater amount of illuminating power of the Gas is obtained.

The annual testing of Meters, in *situ*, for friction and accuracy of registration, has been successful, but this work entails more labor and time than when the above-mentioned apparatus was taken to the Vestry Hall, and tested by the Gas-holder there.

During the year the Gas Company have been served with 113 Notices for the rectification of stoppages and defective supplies in their service pipes, all of which they have cleared.

The following details will shew the Annual Expenditure and gain during the 12 months ending March 31st, 1877:—

<i>Plant and Stock</i> (additional)—	£	s.	d.	£	s.	d.	£	s.	d.
Parkinson & Co., Governors.....	15	0	0						
W. Sugg, Cocks	199	16	0						
					214	16	0		

Tradesmen's Bills—

W. Parkinson & Co., Goods supplied .	7	18	0
S. J. Humfress .....Sundry Fittings .	38	12	10
W. Stephens .....Ladder Repairs..	3	4	0
W. Isacké .....Stationery	3	9	0
Skipper & Co. Do.	0	16	0
E. Stacey .....Oil Shop Articles.	4	16	2
Morton & Co. ....Printing	0	9	0
The Gas Light Co. ..Stand Pipes	7	2	7
G. Weston .....Sundry Payments	3	19	3
W. B. King .....Gas Journal	1	5	0
Price & Co.....Glycerine	1	14	5
General Rate Account.Paving, &c.	5	0	4
			78 6 7

Gas Account—

Imperial Gas Co., March Quarter	..	1,804	10	0	
June Do.	..	1,011	17	7	
Sept. Do.	..	1,227	3	6	
Dec. Do.	..	1,914	2	6	
					<hr/> 5,957 13 7

<i>Wages</i> —Paid Lamplighters	1,271	15	6	
„ Inspector's Salary	207	10	0	
				<hr/> 1479 5 6

<i>Repairs</i> —Painting, Maintenance of Meters, Lamp Columns, and Lanterns, &c.	419	10	0			
				—	8,149	11 8

<i>Deduct</i> —Cash received for Private Lighting..	38	5	0			
Gas supplied to Urinals.....	27	6	10			
					65	11 10

8,083 19 10

The Vestry would under the Old System	{	March Quarter.	2,116	11	0	
have paid the Gas Company for		June Do.	2,124	9	3	
Gas, Lighting, Repairs and		Sept. Do.	2,130	10	2	
Painting, for		Dec. Do.	2,127	9	0	
					<hr/>	8,499 0 2

Net gain for the year ending Lady-day, 1877.....£405 0 4

The accompanying Table will show the number of defects, &c., that have been reported during the year:—

METERED LAMPS.

METERED LAMPS.

Quarter ending	Knocked down and out of Lighting.	Escape in Columns, defective Stand-Pipes.	Out of Lighting.									Cocks turned off in the Night.	Cocks turned on at Lighting time.	Lights blown out, and Gas escaping.	
			All Night.			Out part of the Night.									
			Water.	Naphthaline.	Stoppages in Co.'s Services.	Water.		Naphthaline.		Stoppages in Co.'s Services.					
						Lights.		Lights.		Lights.					
						Out.	Bad.	Out.	Bad.	Out.	Bad.				
1876.															
June	4	1	..	..	..	18	12	8	55	..	..	6	6	7
September	1	..	..	..	..	7	36	8	90	..	..	10	7	7
December	2	..	..	..	2	..	2	4	53	..	..	6	..	5
1877.															
March .....	..	1	..	..	..	..	1	3	3	2	..	3	2	12
Total for the Year	7	2	..	..	2	25	51	23	201	2	..	25	15	31

SCALE LAMPS.

1876.														
June	5	2	4	..	..	47	15	105	511	3	10	36	..	57
September	3	3	..	..	10	28	15	193	1345	6	23	60	..	111
December	7	14	4	..	7	16	9	179	622	6	14	73	..	353
1877.														
March	7	22	..	..	1	12	15	26	91	1	..	57	5	247
Total for Year	22	41	8	..	18	103	54	503	2569	16	47	226	5	768

Fourteen additional Lamps have been erected during the past year, and seven discontinued, in consequence of the Harrow Road Improvement, and the widening of the Great Western Railway. The total number of Public Lamps in lighting, including those on Urinals and in Kilburn Lane, being 1,747.

The working of the Meters, &c., continues to give general satisfaction, and the Vestry may congratulate themselves upon now paying only for the actual quantity of Gas consumed. In testimony of the favor in which the Average Meter System is held as an equitable mode of purchasing Gas, it may be remarked that during the past year three large Metropolitan Parishes have followed the example of Paddington.

I am,

GENTLEMEN,

Your obedient Servant,

GEORGE WESTON,

*Inspector of Public Lighting
for the Parish of Paddington.*

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I am,

Very respectfully,

Your obedient servant,

GEORGE WESTON

Secretary of the ...

for the ... of ...

1877.

PADDINGTON,

Middlesex.

STATEMENT IN ABSTRACT

OF THE

Parochial Accounts, Contracts & Liabilities,

FOR THE YEAR ENDING 25TH MARCH, 1877,

WITH THE

REPORT OF THE AUDITORS THEREON.

ALSO

A TABULAR STATEMENT

OF THE

PRINCIPAL WORKS EXECUTED

UNDER THE DIRECTION OF THE

HIGHWAY AND SANITARY COMMITTEES.

PRINTED AND PUBLISHED FOR THE INFORMATION OF THE
RATE-PAYERS.

By order of the Vestry,

FRANK DETHRIDGE,

VESTRY CLERK.

[A] ACCOUNT in ABSTRACT shewing the RECEIPTS and EXPENDITURE for the PARISH of PADDINGTON, for the year ending 25th March, 1877, under the Management of the Vestry, viz. :—

POOR RATE ACCOUNT.

RECEIPTS.

	£
Balance in hand brought from last year's Account	13,015
Received on account of Rates	91,883
" from the Burial Board, pursuant to Section 22 of the 15th and 16th Vic., Cap. 85 (Metropolitan Burials Act).....	2,500
" from Sale of Borough Lists	0 10
	<u>£107,399</u>

EXPENDITURE.

	£	s.	d.
Metropolitan Board	21,500	0	0
Metropolitan Rate	12,360	2	1
Metropolitan Common Poor Fund	22,137	4	5
Metropolitan Asylum District Rate	19,258	13	2
Metropolitan School District Rate	6,568	4	8
Commissioners for Public Baths and Wash-houses	6,580	0	0
Metropolitan Commissioners	1,079	2	6
Metropolitan Clerks	20	0	0
Metropolitan Clerks' Commission	827	0	11
Metropolitan and Returning Officers' Expenses, incurred in preparing Borough and County Lists	244	11	10
Expenses incurred in the Election of Vestrymen and Auditors of Accounts	38	18	0
Metropolitan Clerks	55	16	6
Metropolitan Clerks	4	12	6
Balance in hand	16,725	2	3½
	<u>£107,399</u>	<u>8</u>	<u>10½</u>

LIGHTING RATE ACCOUNT.

Received on account of Rates	8,747
" of other sources	27
	<u>£8,774</u>

Balance overpaid from last year's Account...

Lighting under Average Meter System	127	19	0
Removals	5,973	12	3
Columns, Governors and Cocks	12	10	4
Top of Lamp Columns and Brackets	221	18	0
Top of Lamplighters	394	6	2
Top of Inspector of Public Lighting	1,271	15	6
Commission	207	10	0
Maintenance of Meters	79	2	4½
Maintenance of Meters	25	3	10
Maintenance of Meters	71	4	7
Maintenance of Meters	389	7	4
Balance in hand	<u>£8,774</u>	<u>9</u>	<u>4½</u>

GENERAL RATE ACCOUNT.

Balance in hand brought from last year's Account...	7,056
Received on account of Rates	58,815
" from the Waywardens of the Edgware Highway Board	576
" from the Metropolitan Board of Works, Contribution towards the Cost of the Edgware Road and Praed Street Improvement	2,110
" from various parties for Repair of Roads	458
" from various parties for Paving Works	2,307
" from various parties for supply of Water to Private Roads	180
" from the London and County Bank, Interest on the "Vestry General Account"	216
" from Mr. Collins, for purchase of Dust, Ashes, and Refuse	225
" from Her Majesty's Board of Works, Contribution by way of Bounty to the Rates on Government Property	131
" on account of other sources	163

Metropolitan Board	7,935	11	6
Metropolitan Board	212	9	3
Metropolitan Board	69	18	5
Metropolitan Board	62	10	6
Metropolitan Board	149	13	3
Metropolitan Board	9,962	0	0
Metropolitan Board	4,461	0	9
Metropolitan Board	3,435	12	6
Metropolitan Board	1,200	14	8
Metropolitan Board	4,898	13	4
Metropolitan Board	357	10	0
Metropolitan Board	1,877	15	4
Metropolitan Board	2,033	0	0
Metropolitan Board	1,008	17	10
Metropolitan Board	578	19	6
Metropolitan Board	82	18	3
Metropolitan Board	441	11	1
Metropolitan Board	6,023	2	0
Metropolitan Board	1,436	14	4
Metropolitan Board	197	18	1
Metropolitan Board	3,558	11	5
Metropolitan Board	180	0	0
Metropolitan Board	590	12	0
Metropolitan Board	26	16	9
Metropolitan Board	497	8	10
Metropolitan Board	538	11	1
Metropolitan Board	468	13	8
Metropolitan Board	157	10	0
Metropolitan Board	18,945	9	9
Metropolitan Board	910	7	7
Metropolitan Board	123	14	11
Metropolitan Board	521	5	5
Balance in hand	<u>5,319</u>	<u>18</u>	<u>2½</u>
	<u>£72,242</u>	<u>8</u>	<u>2½</u>

£72,242

SEWER ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in hand brought from last year's Account..	2,501	1	8	Beers Jobbing Works	2,497	15	0
Received on account of Rates	2,179	1	9	New Sewers	637	11	6
„ on account of Drain Mouths and Gully Drains in New Streets	808	1	8	Wyes	640	0	0
„ on account of Alfred Road Sewer	5			Electors' Commission	18	12	9½
				General Rate Account for Repair of Roads	81	14	0
				Lighting Rate Account for Gas to Urinals	27	6	10
				Watchmen's Bills, &c.....	156	3	0
				Balance in hand.....	1,436	7	6¼
	£5,495	11	7		£5,495	10	7¾

METROPOLITAN CONSOLIDATED ACCOUNT.

	£	s.	d.		£	s.	d.
Balance in hand brought from last year's Account..	520	12	18	Metropolitan Board of Works	20,801	11	8
Received on account of Rates	21,887	0	11	Electors' Commission	198	1	4
				Balance in hand.....	1,408	0	0¾
	£22,407	13	9		£22,407	13	0¾

[B] SUMMARY STATEMENT of CONTRACTS entered into by the VESTRY of the PARISH of PADDINGTON,
during the year ending on the 31st March, 1877, namely:—

DATE WHEN ENTERED INTO.	NAME OF CONTRACTOR.	NATURE OF CONTRACT.	PRICE.
6th June, 1876	Messrs. Thomas & Butland	Erection of additional Stabling on No. 10 Wharf, Amberley Road	£358.
13th July, 1876	Henson's Street Paving Company	Laying down Wood Pavement in Uxbridge Road, between Craven House and Porchester Terrace (certain Ratepayers contributed towards defray- ing the cost of this work)	14s. per Yard Super. 11d. per Ton.
6th February, 1877	Messrs. Alfred & Frederick Culverhouse	Sorting Materials	
Ditto	Ditto	Day Work	10s. 6d. per Day.
Ditto	Ditto	Working Street Roller	42s. per Day for 2 Men and 4 Horses.
Ditto	Ditto	Working Road Scrapers	11s. 6d. per Day for 1 Man and 1 Horse.
Ditto	Mr. William Studds	Sorted Gravel	3s. 6d. per Ton.
Ditto	Ditto	Sorted Gravel and Hoggins	3s. 6d. per Ton.
Ditto	Messrs. Mowlem & Co.	Laying Works	As per Schedule of Prices.
Ditto	Mr. William Boyer	Watering the Roads—A District of the Parish..	The Contractor to receive 12s. per day for each Man, Horse and Cart, and 12s. per day for Man and Horse with Harness, for working Water Vans.
Ditto	Mr. William Studds	Ditto B District of the Parish..	The Contractor to receive 12s. 6d. per day for each Man, Horse and Cart, and 12s. 6d. per day for Man, and Horse with Harness, for working Water Vans.
Ditto	Mr. William Boyer	Sorting Road Scrapings and Street Sweepings— A District of the Parish..	The Contractor to receive £3,790.
Ditto	Mr. William Studds	Ditto B District of the Parish..	Ditto £2,775.
Ditto	Messrs. Tildesley & Minter	Receive on their Wharf, any quantity of dust, ashes, and refuse, (not less than 6,000 loads) collected in the Parish	1s. per Load.
20th March, 1877	Messrs. A. & F. Manuelle	Quernsey Granite	14s. 7d. per Cubic Yard.
Ditto	Messrs. Nowell & Robson	Warborough Granite	13s. 6d. per Cubic Yard.

[B] SUMMARY STATEMENT of CONTRACTS made by the VESTRY of the PARISH of PADDINGTON,
during the year ending on the 31st March, 1877, namely:—

DATE WHEN ENTERED INTO.	NAME OF CONTRACTOR.	NATURE OF CONTRACT.	PRICE.
6th June, 1876	Messrs. Thomas & Butland	Erection of additional Stabling on No. 10 Wharf, Amberley Road	£358.
13th July, 1876	Henson's Street Paving Company	Laying down Wood Pavement in Uxbridge Road, between Craven House and Porchester Terrace (Ratepayers contributed towards defray- ing the cost of this work)	14s. per Yard Super. 11d. per Ton.
6th February, 1877	Messrs. Alfred & Frederick Culverhouse	Sorting Materials	
Ditto	Ditto	Day Work	10s. 6d. per Day.
Ditto	Ditto	Working Street Roller	42s. per Day for 2 Men and 4 Horses.
Ditto	Ditto	Working Road Scrapers	11s. 6d. per Day for 1 Man and 1 Horse.
Ditto	Mr. William Studds	Sifted Gravel	3s. 6d. per Ton.
Ditto	Ditto	Unsifted Gravel and Hoggins	3s. 6d. per Ton.
Ditto	Messrs. Mowlem & Co.	Paving Works	As per Schedule of Prices.
Ditto	Mr. William Boyer	Watering the Roads—A District of the Parish..	The Contractor to receive 12s. per day for each Man, Horse and Cart, and 12s. per day for Man and Horse with Harness, for working Water Vans.
Ditto	Mr. William Studds	Ditto B District of the Parish..	The Contractor to receive 12s. 6d. per day for each Man, Horse and Cart, and 12s. 6d. per day for Man, and Horse with Harness, for working Water Vans.
Ditto	Mr. William Boyer	Sorting Road Scrapings and Street Sweepings— A District of the Parish..	The Contractor to receive £3,790.
Ditto	Mr. William Studds	Ditto B District of the Parish..	Ditto £2,775.
Ditto	Messrs. Tildesley & Minter	Receive on their Wharf, any quantity of dust, ashes, and refuse, (not less than 6,000 loads) collected in the Parish	1s. per Load.
20th March, 1877	Messrs. A. & F. Manuelle	Wharfedale Granite	14s. 7d. per Cubic Yard.
Ditto	Messrs. Nowell & Robson	Wharfedale Granite	13s. 6d. per Cubic Yard.

[C.] SUMMARY STATEMENT of MONEYS owing to, and LIABILITIES, owing by, the VESTRY of the PARISH of PADDINGTON, 31st day of March, 1877.

	£	s.	d.		£	s.	d.
Balance in Treasurer's hands on "General Account"	25,278	15	0	Guardian Board	1,500	0	0
Outstanding Rates, as nearly as can be ascertained	4,443	0	0	Metropolitan Common Poor Fund	10,139	12	11
				Henson's Street Paving Company for Wood Pavement.....	2,561	0	0
				Salaries	898	15	0
				Commission	484	4	2
				Superannuation Allowance	45	0	0
				Rent of Wharves	123	5	0
				Sundries	8	4	2
	£29,721	15	0		£15,760	1	3

WE, the undersigned, being the Auditors appointed under the provisions of the "Metropolis Local Management Act," for the purpose of auditing the Accounts of the Vestry of the Parish of Paddington, do state that we have audited and allowed the Accounts of the said Vestry for the year ending 25th March, 1877, of which the foregoing Account marked [A] is an Abstract. And we state that the several Contracts entered into by the said Vestry during the year ending 25th March, 1877, are specified in the foregoing Statement of such Contracts marked [B]. And that the Moneys owing to, and the Debts and Liabilities owing and incurred by such Vestry respectively, are specified in the foregoing Statement of such Credits, Debts, and Liabilities respectively marked [C]. And we further wish to state that the manner in which the Accounts are kept have met with our entire approbation. And we beg to thank Mr. Dethridge, the Vestry Clerk, for the able and courteous assistance he has rendered us during the investigation.

Dated this Fifth day of June, 1877.

THOMAS ROSE WALAND,
ALFRED WILLIAM FOXWELL,
ROBERT BRETT,
WILLIAM BELL,

	Original Debt.	Rate of Interest.	Paid off this year.	Total paid off.	Remaining unpaid.
House Debt....	4,500	4½ per Cent.	150	1,200	3,300
I. (further).	5,000	4½ do.	166 : 13 : 4	1,166 : 13 : 4	3,833 : 6 : 8
I. (do.)	8,000	£4 9s. do.	270 : 7 : 6	270 : 7 : 6	7,729 : 12 : 6
Commissioners for Public Baths and Wharves ..	48,500	£4 9s. do.	—	—	48,500

TABULAR STATEMENT of the PRINCIPAL WORKS executed in the HIGHWAY DEPARTMENT,
for the Year ending 25th March, 1877.

New Streets taken to.	Streets paved under the Metropolis Local Management Acts.	Granite Crossings laid down.	Old Footways relaid and repaved.	Mews repaved.	Cab-stands paved.	Macadamized Road removed and Granite Cube Paving substituted.
MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.	MILE. FUR. YDS.
— 3 64	— 3 41	— — 206	1 4 214	— — 150	— — 112	— — 280

MILES. FUR. YDS.
Total length of Parish Roads 43 3 65

TABULAR STATEMENT of the PRINCIPAL WORKS executed in the SEWERS DEPARTMENT,
for the Year ending 25th March, 1877.

Sewers re-constructed at the expense of		Brick Sewers constructed at the expense of private parties.	Air Shafts & Openings constructed at the expense of		Number of Gulleys		Number of side Entrances constructed at the expense of		Cleansing Sewers.
Private parties.	The Vestry.	FEET.	Private parties.	the Vestry	Constructed and Reconstructed.	Repaired.	Private parties.	the Vestry	LOADS OF HEAVY DEPOSITS REMOVED.
		2,607	8	3	78	52	5	15	150
FEET.	FEET.	Number of Drains constructed to Buildings.	Total length of Drain-Pipe laid to New Houses and Stables and under Footpath and Roadway.		Number of House Drains re-constructed under Footpath & Roadway.		Number of Complaints received and attended to.		Traps fixed to House and Gully Drains.
			MILE.	FUR.					
62	130	129	2	5	168	106	105		348

TABULAR STATEMENT of INSPECTIONS *reported and* WORKS of HOUSE IMPROVEMENT *completed*
under the Orders of the Sanitary Committee, for the Year ending 25th March, 1877.

I. Systematic Inspections	{	Houses inspected with reference to their Sanitary condition .	3,894
		Works executed.....	1,120
		Slaughter-houses under inspection during the year.....	23
		Cow--houses ditto	13
		Bake-houses ditto	83
	{	Urinals and Urinal Nuisances under Inspection	76
II. Inspections consequent on Complaints.....	{	Houses or other Premises visited	1,842
		Works executed	872

The above Statement does not include the Premises and Places inspected as to the execution of the 22nd, 27th, and 35th Sections of the "Sanitary Act, 1866," and "The Diseases Prevention Act, 1855," nor Vaccination Inspections, which have since 1868 been entrusted to the Board of Guardians.

PAID ON.

RETURN shewing the amount in the Pound levied by the Vestry, during the Ten last years, viz. 1867, 1868, 1869, 1870, 1871, 1872, 1873, 1874, 1875, and 1876, in respect of Rates made for payment of Liabilities of the Vestry, distinguishing those over which the Vestry has control, from those over which it has no control, in pursuance of a Resolution of Vestry of the 5th December, 1876, viz. :—" That the Vestry Clerk be directed to prepare and submit to the Vestry, a Return, shewing the Rate, per Pound, levied by the Vestry in every year during the Ten Years last past, distinguishing the amounts levied by the Vestry in pursuance of Precepts received by the Vestry, from the amounts levied by the Vestry in pursuance of general powers given to them " :—

Half-year commencing at	Rate in the Parish.	Amounts over which the Vestry has control.							Amounts over which the Vestry has no control.														
		Poor.	Lighting.	General.	Sewers.	Main Drainage and Metropolitan Consolidated.	Church.	POOR.								SEWERS.	GENERAL.	MAIN DRAINAGE.	METRO. CONSOLIDATED.	TOTAL.			
								Police.	County.	Metropolitan Common Poor Fund.	Metropolitan Asylum District Rate.	West London District Schools.	Metropolitan Fire Brigade.	Baths and Wash-houses.	Precepts from M. B. of Works.						School Board for London.	Precepts from M. B. of Works.	Precepts from M. B. of Works.
I.	II.	III.	IV.	V.	VI.	VII.	IX.	X.	XI.	XII.	XIII.	XIV.	XV.	XVI.	XVII.	XVIII.							
s. d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.	d.						
1867, April.....	1 9	61	15	6	825	.....	5	453	164	...	...	...	...	317	...	...	...	1154
„ October.....	1 9	16	1	5	5	047	.....	187	2005	...	...	...	501	...	...	345	...	1427
1868, April	1 8	13	15	6	72	.....	5	15	215	...	12	...	...	177	...	...	...	1111
„ October.....	1 9½	18	15	5	5	04	.....	28	198	...	11	05	46	...	...	295	...	1422		
1869, April	1 9	119	15	45	476	.....	.....	41	258	151	13	06	...	158	...	...	...	1332
„ October.....	2 0	17	1	55	5	13	.....	59	179	159	11	05	44	...	...	...	336	1662	
1870, April	2 1	13	15	6	.....	14	.....	91	266	169	46	06	...	...	...	...	335	1720
„ October.....	1 11	19	1	5	.....	03	.....	39	157	164	4	09	...	...	...	...	296	1671
1871, April	1 6½	11	1	45	.....	.....	5	48	164	143	48	08	...	...	...	...	...	1235
„ October.....	1 9½	4	15	557	.....	005	.....	345	189	171	02	12	...	...	43	...	49	1398	
1872, April	1 6½	1	15	413	38	01	291	162	244	14	19	...	04	11	37	...	147	1231				
„ October.....	1 7	19	1	5	5	01	.....	313	147	26	55	24	...	04	...	...	98	1222		
1873, April	1 8	45	1	47	49	07	329	146	254	61	16	...	04	006	29	...	149	1333				
„ October.....	1 8½	21	1	615	5	986	329	146	212	46	39	...	15	014	35	1161				
1874, April	1 11	15	15	418	49	22	277	123	422	605	52	...	19	006	131	...	227	1639				
„ October.....	1 9	15	15	674	5	07	181	12	21	34	57	...	19	...	76	...	192	12				
1875, April	1 8½	09	1	513	13	174	126	381	52	53	...	19	...	136	...	286	1417				
„ October.....	1 9½	18	1	48	5	02	252	144	244	76	65	...	68	...	119	...	248	1495				
1876, April	1 7	07	1	438	02	165	104	338	64	47	...	18	...	162	...	247	1347				
„ October.....	1 11	26	1	578	5	02	261	208	232	63	76	...	25	...	171	...	247	1538				

20th March, 1877.

By order,
FRANK DETHRIDGE,
Vestry Clerk.

N.B.—The Roman Numerals at the end of the list refer to the list on the following page.

LIST OF THE PRINCIPAL STATUTES UNDER WHICH RATES ARE LEVIED.

* * * The earliest Acts are alone given in this List, the object being to show the dates at which the duty of levying a rate was in each case imposed on the Parochial Authorities :—

- I. *Poor Rate*.—18 & 19 Vic., Cap. 120 (A.D. 1855.) (Transferring to the existing Vestry the powers and duties given or reserved to the Vestry elected under the Local Act of 1824, 5 Geo. 4, Cap. 126, which superseded the Open Common Law Vestry.)
- II. *Lighting Rate*.—The same.
- III. *General Rate*.—The same.
- IV. *Sewers Rate*.—The same.
- V. *Main Drainage and Metropolitan Consolidated Rate*.—The same.
- VI. *Church Building Rate*.—58 Geo. 3, Cap. 45 (A.D. 1818.)
- VII. *Poor Rate proper*.—43 Eliz. Cap. 2 (A.D. 1601.)
- VIII. *Police Rate*.—10 Geo. 4, Cap. 44 (A.D. 1829.)
- IX. *County Rate*.—12 Geo. 2, Cap. 29 (A.D. 1738.)
- X. *Common Poor Fund Rate*.—30 and 31 Vic. Cap. 6. (A.D. 1867.)
- XI. *Metropolitan Asylum Rate*.—The same.
- XII. *West London District School Rate*.—7 and 8 Vic., Cap. 101 (A.D. 1844).
- XIII. *Metropolitan Fire Brigade Rate*.—28 and 29 Vic., Cap. 90 (A.D. 1865.)
- XIV. *Baths and Wash-houses Rate*.—9 and 10 Vic., Cap. 74 (A.D. 1846.)
- XV. *Sewers Rate*.—18 and 19 Vic., Cap. 120 (A.D. 1855.)
- XVI. *School Board Rate*.—33 and 34 Vic., Cap. 75 (A.D. 1870.)
- XVII. *Main Drainage Rate*.—18 and 19 Vic., Cap. 120 (A.D. 1855.)
- XVIII. *Metropolitan Consolidated Rate*.—32 and 33 Vic., Cap. 102 (A.D. 1869.)

P A D D I N G T O N.

RETURN shewing the amount in the pound levied by the Vestry during the Ten Years ending October 1876, in respect of rates made for payment of liabilities, distinguishing those over which the Vestry has control from those over which the Vestry has no control; also the number and Rateable value of houses in the Parish, the average Rateable value per house, and the average amount of Parochial Rates paid in respect of each house, &c.

Year.	No. of Houses.	Total Rateable value.	Average Rateable value per House.	Rate per £	Average Amount of Parochial Rates paid per House.	Items over which the Vestry HAS control.			Items over which the Vestry HAS NO control.		
						Rate per £	Average Amount paid per House.		Rate per £.	Average Amount paid per House.	
				s. d.	£ s. d.	s. d.	£ s. d.		s. d.	£ s. d.	
1867...	11,436	729,838	64	3 6	11 4 0	1 4 $\frac{1}{4}$	4 6 8		2 1 $\frac{3}{4}$	6 17 4	
1868...	11,546	740,686	64	3 5 $\frac{1}{2}$	11 1 4	1 4	4 5 4		2 1 $\frac{1}{2}$	6 16 0	
1869...	11,623	759,158	65	3 9	12 3 9	1 2 $\frac{3}{4}$	3 19 10 $\frac{3}{4}$		2 6 $\frac{1}{4}$	8 3 10 $\frac{1}{4}$	
1870...	11,896	773,524	65	4 0	13 0 0	1 2	3 15 10		2 10	9 4 2	
1871...	12,141	954,868 (New Valuation)	78	3 4	13 0 0	1 1 $\frac{1}{2}$	4 7 9		2 2 $\frac{1}{2}$	8 12 3	
1872...	12,346	968,340	78	3 1 $\frac{1}{2}$	12 3 9	1 0 $\frac{3}{4}$	4 2 10 $\frac{1}{2}$		2 0 $\frac{3}{4}$	8 0 10 $\frac{1}{2}$	
1873...	12,548	984,582	79	3 4 $\frac{1}{2}$	13 6 7 $\frac{1}{2}$	1 3 $\frac{1}{2}$	5 2 0 $\frac{1}{2}$		2 1	8 4 7	
1874...	12,685	995,009	80	3 8	14 13 4	1 3 $\frac{1}{2}$	5 3 4		2 4 $\frac{1}{2}$	9 10 0	
1875...	12,804	1,004,095	80	3 6	14 0 0	1 0 $\frac{3}{4}$	4 5 0		2 5 $\frac{1}{4}$	9 15 0	
1876...	12,920	1,091,656 (New Valuation)	88	3 6	15 8 0	1 1	4 15 4		2 5	10 12 8	

Printed by order of the Finance Committee,

FRANK DETHRIDGE,

Vestry Clerk.

11th May, 1877.

Paddington Freehold

RECEIPTS.

and brought from last year's Account .

ents received during the year

ived of the Commissioners of Income T

of Income Tax refunded by them to the T

and brought from last year's Account...
brought from General Account

PADDINGTON FREEHOLD CHURCH ACCOUNT CONTINUED.

The Bread and Cheese Account.

1876.	RECEIPTS.	£	1876.	PAYMENTS.	£	s.	d.
To Balance in hand brought from last year's Account.....	84		Paid Ruabon Coal Company, for 50 Tons of Coal at 26s. per Ton	65	0	0	
„ Amount brought from General Account	202	1	Paid Mr. Brooks, for delivery of Coals at abodes of Recipients of Tickets.....	9	15	0	
			Paid Mr. Jaycocks and Another, for attendance at the Parish Wharf to deliver Coals (2 years) at 25s. each	2	10	0	
			Paid Mr. Matthews, for distributing Blankets (1875)	1	1	0	
			Paid Mr. Matthew Webb, for 160 pairs of Blankets at 12s. 4½d. per pair.....	99	0	0	
			Balance in hand.....	109	15	5	
		£287			£287	1	5

The Charity Account.

1876.	£	s.	d.	1876.	£	s.	d.
To Amount brought from General Account	608	6	0	Paid to the Chairman of the several School Committees	608	6	0

Paddington Enfranchised Copyholds Charity Account, for the Year ending 31st December, 1876.

1876.	£	s.	d.		£	s.	d.
To Amount of Rents received during the year	277	1	8	B Paid Solicitor to the Trustees—Bill of Costs	23	14	2
„ Amount of a Year's Dividends on £10,201 6s. 11d. Consols.	302	1	1	B Paid Assessed Taxes on No. 245 Edgware Road, for year 1874	0	4	6
„ Amount received of the Commissioners of Income Tax, being amount of Income Tax refunded by them to the Trustees.	20	0	0	B Paid Clerk to Trustees, Expenses incurred in recovery of returned Income Tax	0	14	6
				B Paid Mr. Wyatt, Jun., for preparing Statement, forwarded to Income Tax Commissioners	1	1	0
				B Paid Messrs. Morton & Co., for Printing	6	2	0
				B Paid Messrs. Skipper & East, for Printing	1	11	11
				B Paid Clerk to Trustees, a Year's Salary due Christmas, 1876 .	30	0	0
				B Cash carried to Apprenticing Fund Account	107	6	4
				„ to Bread and Cheese do.	107	6	4
				„ to Charity School do.	321	18	9
	£599	19	0		£599	19	6

PADDINGTON ENFRANCHISED COPYHOLD ESTATE ACCOUNT CONTINUED.

The Apprentices Account.

1876.	RECEIPTS.	£	s.	d.	1876.	PAYMENTS	£	s.	d.
To Amount brought from General Account		107	1	8	By Balance overpaid		62	5	11
Balance overpaid		42	1	8	By Paid remaining Moieties of Premiums with Seven Apprentices.		87	10	0
		149	1	16			149	15	11

The Brederode Fund Account.

1876.	£	s.	d.	1876.	£	s.	d.
To Balance in hand brought from last year's Account	44	6	8	By Paid Ruabon Coal Company, for 30 Tons of Coals at 26s. per Ton	39	0	0
„ Amount brought from General Account	107	6	4	By Paid ditto Balance of Account for 30 Tons of			
				Coals at 27s. per Ton	1	10	0
				By Paid Mr. Brooks for delivery of Coals to Recipients of Coal			
				Tickets	9	15	0
				By Paid Mr. Jaycocks and Another, for attendance at the Wharf			
				to deliver Coals (2 years) at 25s. each	2	10	0
				By Paid Mr. Matthews, for distributing Blankets 1875	1	1	0
				By Paid Mr. William Webb, for 100 pairs of Blankets at 12s. 4½d.			
				per pair	61	17	6
				By Balance in hand	35	19	6
	£151	13	0		£151	13	0

The Charity School Account.

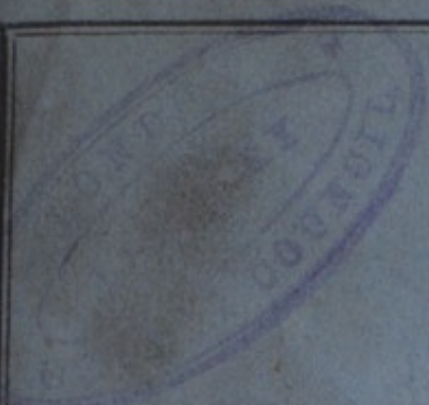
1876.	£	s.	d.	1876.	£	s.	d.
To Amount brought from General Account	321	18	6	By Paid to the Chairman of the several School Committees	321	18	9

The Almshouse Ground Charity Acch Year ending 31st December, 1876.

1876.	£	s.	d.	PAYMENTS.	£	s.	d.
To Balance in hand brought from last year's Account.....	102	1	3	paid Pensioners during the year	130	0	0
„ Amount of Rents received during the year	198	1	3	paid Treasurer of St. Mary's Girls and Infants' Schools, for			
„ Amount received of the Clerk to the Trustees, being difference				hire of a suitable House for the residence of Schoolmistress			
of sums drawn and sums paid to a Pensioner, deceased..	0	1	0	and Assistants, pursuant to the Scheme.....	50	0	0
				paid Clerk to Trustees, a year's Salary to 7th August last ..	10	0	0
				paid Solicitor to the Trustees, for Law Expenses	2	19	6
				paid Messrs Morton & Burt, for Printing	1	17	0
				By Balance in hand	107	4	0
	<u>£302</u>				<u>£302</u>	0	6

The Marion Mayne Charity Acch Year ending 31st December, 1876.

1876.	£	s.	d.	1876.	£	s.	d.
To Balance in hand brought from last year's Account	55	7	3	paid Pensioners during the year	83	4	0
„ Cash received, being one year's Dividend on £5,516 7s. 7d.				paid Clerk to Trustees, a year's Salary to 14th September last.	10	0	0
Consolidated Three per cent, Annuities	165	9	0	paid Bankers, for Cheque Book	0	4	2
				By Balance in hand	127	9	1
	<u>£220</u>	17	3		<u>£220</u>	17	3



Paddington.

SANITARY REPORT

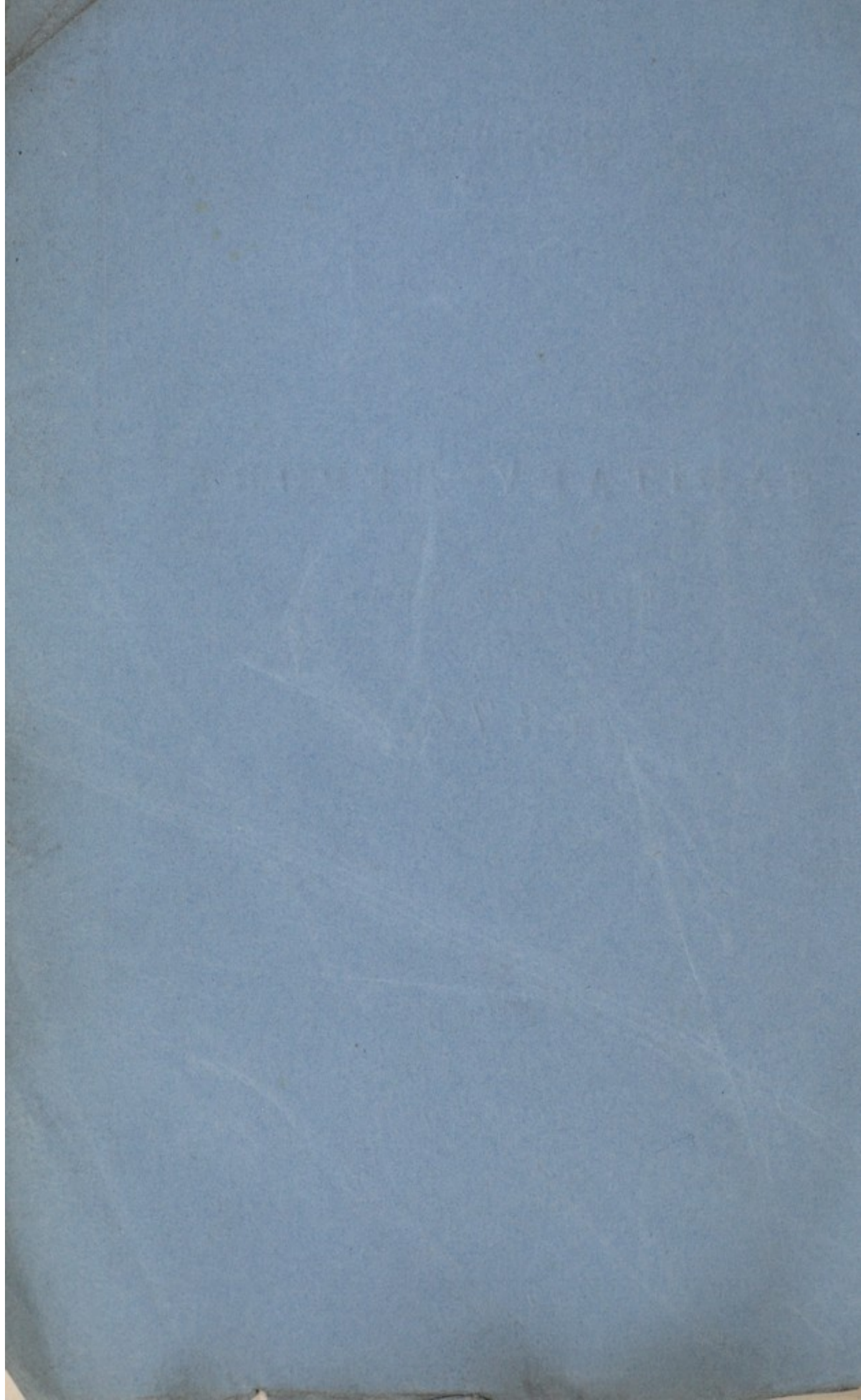
FOR THE YEAR

1876.

BY

JAMES STEVENSON, M.D.,

Medical Officer of Health.





Paddington.

SANITARY REPORT

FOR THE YEAR

1876.

BY

JAMES STEVENSON, M.D.,

Medical Officer of Health.

THE UNIVERSITY OF CHICAGO

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FOR THE YEAR

1876

THE UNIVERSITY OF CHICAGO

CHICAGO, ILL.

SECOND ANNUAL REPORT.

To the Vestry of the Parish of Paddington.

GENTLEMEN,

During the 52 weeks in the year 1876, 2,905 births and 1,966 deaths were registered in Paddington. The difference between these figures, viz., 939, shews the natural increase of population. To arrive at an approximate estimate of the population of the parish, it is necessary to add the further number contributed by the immigration of persons from the country and from neighbouring parishes. Assuming the rate of increase to be the same as that shewn by the Census of 1871, the population in the middle of the year 1876 may be estimated at 107,323, giving 68,583 inhabitants to St. Mary's, and 38,740 to St. John's sub-district. Of the 2,905 births, 2,177 were registered in the sub-district of St. Mary, and 728 in that of St. John. In both sub-districts the births were slightly fewer than in the preceding year; the number of male children being 1,495, and of female, 1,410. The proportion of the sexes was 100 males to 94 females, as compared with 100 males to 95 females throughout the Metropolis. In St. Mary's the proportion was 100 males to 94 females, and in St. John's 100 males to 96 females.

The births were most numerous in the first, and least so in the third, quarter of the year. The ratio of births to the entire population of the parish was 1 birth to 37 inhabitants—the birth-rate being 27 per 1,000 of the population. The birth-rate for London was 36·5.

In St. Mary's District, the ratio of births to the population was 1 to 31·5 persons living—or 31·7 births per 1,000 inhabitants.

In St. John's, the ratio of births to the population was 1 to 53, with a birth rate of 18·8 per 1,000.

Some of the foregoing particulars are shewn in the subjoined Table ;—

Sub-Districts.	Population.	Births.	Ratio of Births to Population.	Rate per 1,000.
St. John's	38,740	728	1 to 53	18·8
St. Mary's	68,583	2,177	1 to 31·5	31·7
Paddington	107,323	2,905	1 to 37	27·

The birth-rate for 1876 was below that of 1875, and of the ten previous years, 1866-75. An examination of Table I. will show that the number of births in St. John's has during the last three or four years been nearly stationary ; from which it may be inferred, that the condition of its inhabitants, as regards their ages and numbers, presents little variation.

Of the 1,966 deaths, 220, or 11 per cent., occurred in the two hospitals in the parish, viz., 1 in the Lock, and 219 in St. Mary's Hospital; and of the remaining

1,746 deaths 1,275 occurred in St. Mary's District, and 471 in St. John's.

The deaths were most numerous in the first and least so in the fourth quarter of the year.

It will be observed that, notwithstanding the increase of population, the deaths of parishioners (1,746) were fewer than in the year 1875, the death-rate being 16·3 per 1,000 persons living; which contrasts favorably with the death-rate of 1875, and with that of any one of the ten preceding years, or the decennial average rate. In fact, with the exception of the year 1872, the mortality in the Metropolis, from all causes, was less in 1876 than during any one of the previous 20 years. This was attributed by some to certain meteorological conditions, to differences of temperature, of atmospheric pressure, and of rainfall during the summer months, and to the warm days and nights of the last quarter of the year.

Some of the above particulars are shewn, as under:—

Sub-Districts.	Population.	Deaths.	Ratio of Births to Population.	Rate per 1,000.
St. John's	38,740	471	1 to 82	12·2
St. Mary's	68,583	1,275	1 to 54	18·6
Paddington	107,323	1,746	1 to 61	16·3

In 1876 the death-rate for London was 22·3 per 1,000.

„	„	Edinburgh	20·5	„	„
„	„	Dublin	25·8	„	„

Not only is the death-rate of the parish six per thousand less than that of London generally, but it is lower than that of any one of the twenty largest English towns. It retains, moreover, its position, when compared with the death-rate of any one of the five groups of districts into which the metropolis is divided, or with that of its most favoured sub-district.

Deaths registered in the London Districts.

Annual rate of mortality per 1,000 :—

		1875.		1876.
West Districts	.....	22·1	.....	21·0
North	„	22·3	.....	21·4
South	„	24·0	.....	22·1
East	„	25·5	.....	24·0
Central	„	26·0	.....	24·0
<hr/>				
Paddington	„	17·6	.....	16·3

In Paddington, the ratio of deaths to the population, including the two hospitals, was 1 death to 54 persons, equal to a death-rate of 18·3 per 1,000 persons living.

There are some who would be disposed to regard 16 per thousand as the minimum death-rate of an English town. A cursory examination of Table III. should at once satisfy such persons that, were the laws of health properly observed, and clearly ascertained sanitary conditions honestly obeyed, a death-rate of 16 per thousand might be greatly reduced, probably to the extent of more than one-half. Such an examination will show that in our own parish, as in other parts of the country, many infants and children died

from measles, scarlet-fever, whooping-cough, and other largely preventible diseases, which it cannot be said we have made any serious endeavour to prevent, so long as the compulsory registration of such diseases, and the compulsory isolation of them, are not enforced. Whilst it is true that at my suggestion the Sanitary Committee obtained the consent of the Vestry to provide hospital treatment, at the expense of the parish, for persons above the pauper-class who were suffering from small-pox or scarlet-fever, by sending the one to the Small-Pox Hospital at Highgate, and the other to the London Fever Hospital in the Liverpool Road; it is nevertheless certain that cases of scarlet-fever, and probably also of small-pox, occurred in the parish, of which the Sanitary Department received no information whatever, or was not apprized until after their recovery, or their names had appeared in the death-returns; and that such cases, whilst under treatment and during their convalescence, were sources and centres of contagion to those around them. Such a state of matters, with the annual huge mortality consequent thereon, will continue until an educated people, conscious of its duties and jealous of its rights, demands from a tardy executive the intervention of the legislature to prevent it.

The annexed Tables succinctly show the causes and the extent of the mortality in the parish during the past year, and at the same time afford, in relation to such matters, the opportunity of comparison with former years.

It will be seen that the deaths of infants under one year of age were absolutely the same (413) as in 1875 ; and, though fewer relatively to the increased population, were more relatively to the total number of deaths. The deaths of children under five years of age were 681, as compared with 712 in the previous year. The principal death-factors at these early ages were measles, scarlet-fever, whooping-cough, and diarrhoea. Of the 256 deaths from these four diseases, 200 occurred in St. Mary's and 56 in St. John's sub-district. In the two sub-districts into which the parish is divided, the same difference is apparent as regards the distribution of these diseases, not to mention others, and as regards the mortality from each of them, as was pointed out in my first Report, and shows clearly both the want of accommodation, or of care to prevent their extension, and the want of means or of good nursing to arrest their development.

In St. Mary's District the proportion of deaths at all ages from these diseases to the population was in every instance nearly double that which obtained in St. John's, and the percentage of deaths to the total number of deaths from all causes was also very much greater.

Rate of Mortality per 1,000 of the population :—

	St. Mary's.	St. John's.
Measles	1 · 09	· 41
Scarlet Fever	· 41	· 18
Whooping Cough	· 66	· 39
Diarrhoea.....	· 76	· 46

Percentage of deaths from the undermentioned diseases of the total deaths:—

	St. Mary's.		St. John's.
Measles	5 · 9	.....	3 · 4
Scarlet Fever	2 · 2	.....	1 · 5
Whooping Cough	3 · 5	.....	3 · 2
Diarrhœa	4 · 1	.....	3 · 8

ZYMOTIC DISEASES.

The number of deaths from the seven principal zymotic diseases, which is the best indication of the healthiness of a community, notwithstanding the increase of the population, exceeded by three only the number of deaths from the same diseases in the year 1875. Nevertheless, these diseases furnished nearly one-sixth of the total deaths from all causes.

As in the parish only two deaths occurred from small-pox in the course of the year under review, although the disease was extensively prevalent in other parts of the metropolis, and occasioned 735 deaths, I defer for the present adding anything to the observations which appeared in my letters to "*The Times*" of the 19th January and 5th April, 1877, upon this and the cognate subject of hospital accommodation at Highgate. To prevent the spread of the disease I urged the Inspectors to spare no effort to get every case which came to their knowledge removed to the hospitals with as little delay as possible. From this parish, 4 patients were sent to the Smallpox and Vaccination Hospital at Highgate, and 21 to the Hospitals of the Metropolitan Asylums Board, 3 being conveyed to

Homerton, 8 to Stockwell, and 10 to Hampstead. Whilst few or none of the persons thus sent could be considered paupers, or regarded themselves as such, all belonged to the humbler ranks of the community.

Scarlet-fever, which prevailed in an epidemic form in the previous year, claimed its tale of victims (35), and will continue to do so until the fitful ravages it annually makes are more generally known, and the fearful character of the disease more fully appreciated, even when it appears under the milder guise and the blander designation of "only scarlatina." Surely the time has arrived when medical men, without needlessly alarming the friends of their patients, can afford to call diseases by names "understood by the people," and to tell them, in the interest of the community at large, that scarlatina is the latinized term for scarlet-fever, and that, in its mildest form, it is capable of producing in others the same disease of the most malignant character.

Nearly one-third (91) of the total of these deaths (286) was due to measles, a disease which ordinarily terminates favorably, unless complicated during its progress or towards its decline, when the danger is greater, by the occurrence of bronchial or pulmonary inflammation, the consequence too frequently of exposure to cold.

Of the 60 deaths from whooping-cough, 48 were those of children of parents, who it may be assumed from their occupation as stated in the death-returns

were in the receipt of weekly wages. Comment is unnecessary.

Some of the 14 deaths registered from typhoid-fever were certainly "imported" into the district, and of others it may be fairly questioned whether they were genuine cases of enteric or typhoid fever, whilst in a few instances the apparent cause was the escape of sewer air from defective soil pipes and untrapped drains.

To summarise my remarks under this head, I do not hesitate to say, that if proper sanitary precautions had been adopted, of the 286 persons who succumbed to these diseases, very many would have escaped, and that suffering from one or other of these diseases, if their surroundings had been more favorable, irrespective altogether of medical treatment, many of these little ones, for such they were, "had not died."

VACCINATION.

Table VII., furnished by the Vaccination Officer of the Parish, Mr. Dudman, shows that more than 91 per cent. of the 2,905 children whose births were registered in the parish were either successfully vaccinated, or died before being vaccinated, and that of a small percentage only of the remainder is there no return as to vaccination.

SANITARY WORK.

Table VI. imperfectly shows the precise nature and the amount of the work done by the Sanitary Inspectors. Much of their time was occupied in investigating and

remedying, so far as was practicable, the complaints of parishioners, and in attending to the removal of the infectious sick. Inspector Biorn in the performance of his duties unfortunately caught scarlet-fever, which was followed by rheumatic-fever. This necessitated his absence for a period of nearly three months, during which Inspector Clifford cheerfully performed his brother officer's duties in addition to his own.

BAKE-HOUSES, COW-SHEDS, & SLAUGHTER-HOUSES.

These are under the charge of Inspector Clifford, and were by him regularly inspected. A great improvement is observable in many of these places since I first saw them. No complaints respecting them have been received. In one case I deemed it necessary to oppose an application for the renewal of a license for a slaughter-house, but as the applicant agreed to make certain structural alterations the Magistrates granted it. Permission was sought to establish a cow-shed in Cirencester Mews. The Sanitary Committee examined the situation, and subsequently withheld its sanction of the proposed transformation.

WATER.

The parish, it will be remembered, is supplied with water by the Grand Junction and the West Middlesex Companies. Of the five Companies deriving their supply from the Thames, Dr. Frankland, in his report to the Registrar General, points out that the West Middlesex continues to deliver the best water, and the

Southwark and Vauxhall Company the worst. This superiority is due to the West Middlesex Company having a large subsidence and filtration plant, so that it is not compelled to take in water during floods, and is able uniformly to deliver it in an efficiently filtered condition.

During the months of January, March, April, October and December, the water drawn from the Thames, owing to heavy rains, was wholly unfit for dietetic purposes. These heavy rains, more particularly in the month of December, converted stagnant pools and ditches into tributary streams, causing the river to overflow its banks, and, on returning to its natural channel, to carry with it the accumulated filth of the dry summer months, and the washings of the adjacent richly manured and cultivated lands ; so that when it reached the intakes of the Companies loaded with organic impurities, the water was incapable of being rendered by subsidence and filtration or any other process fit for domestic use. Nevertheless it was so delivered to its consumers. These impurities, being of animal origin, make the water more objectionable, and its use not without danger to health. The sediment deposited by it on standing almost always reveals living and moving organisms. Such organisms during the year were on three occasions discovered in the water of the Grand Junction Company.

The annexed tables exhibit some of the results of Dr. Frankland's observations, and of his microscopical

and chemical examinations of the water supplied to the metropolis by the different companies.

As the Lea seldom overflows its banks, the water drawn from it by the New River and East London Companies is, after efficient filtration, of a greatly better quality than that obtained from the Thames, being much less polluted with organic matter. No complaints of the quantity or quality of the water were made during the year by any of the parishioners.

Any remarks upon the scheme recently propounded by certain eminent engineers for the supply of the metropolis with the best available water for dietetic purposes, and for the extinction of fires, I reserve for a future Report,

I have the honour to be,

GENTLEMEN,

Your obedient Servant,

JAMES STEVENSON,

Medical Officer of Health.

VESTRY HALL, PADDINGTON,

November, 1877.

TABLE I.

Table shewing the Population, Inhabited Houses, Births and Deaths,
for the Year 1876 and 10 years preceding.

GROSS NUMBERS.

Year.	Estimated Population		Number of Inhabited houses in the Parish.	Registered Births.		Deaths.	
	St. Mary	St. John		St. Mary	St. John	St. Mary	St. John
1876	68,583	38,740	12,898	2,177	728	1,275	471
1875	66,612	38,609	12,746	2,179	748	1,368	487
1874	64,641	38,478	12,596	2,213	733	1,282	684
1873	62,670	38,347	12,456	2,097	734	1,278	688
1872	60,699	38,216	12,247	2,094	743	1,120	640
1871	58,728	38,085	12,011	2,073	718	1,260	669
1870	56,757	37,954	11,744	1,920	775	1,282	661
1869	54,786	37,823	11,473	1,980	745	1,111	657
1868	52,815	37,692	11,476	1,968	797	1,109	663
1867	50,844	37,561	10,863	1,882	753	1,180	629
1866	48,873	37,430	10,643	1,798	803	1,004	687
Average of 10 years, 1866—1875.	57,743	38,020	11,826	2,020	755	1,199	647

NOTES.

1. *Population at Census 1871—96,813.*
2. *Area in acres,—1,280.*
3. *Average No. of Persons in each house at Census 1871—8.1.*

For statistical purposes the Registrar-General estimates the population to the middle of the year on the basis of the rate of increase ruling between the two preceding Census periods. The estimate of population may be checked by the known number of inhabited houses, and by the average number of inmates per house, as ascertained at the preceding Census.

The deaths of non-parishioners in public institutions within the parish (St. Mary's Hospital and the Lock Hospital) are deducted for the years 1875 and 1876; but not so for the previous years.

TABLE II.

Table shewing the Annual Birth Rate, Rate of Mortality, Death Rates among Children, and Deaths in Public Institutions, for the Year 1876 and 10 Years preceding.

	Birth Rate per 1000 of the Population.	Annual Rate of Mortality, per 1000 living.	Deaths of Children under 1 year : 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.	
						Saint Mary's Hospital.	The Lock Hospital.
1876.	27.0	16.3	23.7	14.3	39.0	219	1
1875	27.8	17.6	22.3	14.1	38.4	141*	3
1874	28.6	19.1				214	1
1873	28.0	19.5				198	7
1872	28.7	17.8				178	5
1871	28.8	19.9				192	2
1870	28.5	20.5				178	10
1869	29.4	19.1				187	5
1868	30.6	19.6				209	7
1867	29.8	20.5				172	3
1866	30.1	19.6				199	7
Average of 10 years, 1866-1875.	29.0	19.3				187	5

* This Hospital was closed during a portion of this year.

TABLE III.

Deaths Registered at several groups of ages from different causes during the year 1876.

NOTE.—The Deaths in Public Institutions, with the exception of those in the Workhouse, are excluded.

Cause of Death.	AGES.																	Total					
	0	1	2	5	10	15	20	25	30	35	40	45	50	55	60	65	70		75	80	85	90 and upwards.	Total under 90 years.
CLASSES.																							
I. ZYMOTIC DISEASES.....	196	74	41	31	12	8	18	4	6	6	3	1	..	..	..	..	..	..	..	..	..	261	312
II. CONSTITUTIONAL DISEASES.....	29	13	21	22	24	38	41	53	37	31	6	..	..	..	..	..	..	..	..	..	..	63	363
III. LOCAL DISEASES.....	108	44	33	17	12	35	63	85	111	74	72	..	..	..	..	..	..	..	..	..	..	185	239
IV. DEVELOPMENTAL DISEASES.....	117	14	6	..	2	5	4	1	1	19	49	23	1	..	..	..	..	..	..	..	..	137	234
V. VIOLENT DEATHS.....	32	..	2	6	8	2	3	5	3	1	..	..	..	..	..	..	..	..	..	..	..	34	60
Not specified or ill defined.....	1	..	..	..	..	..	1	2	1	1	..	..	..	..	..	..	..	..	..	..	..	1	6
TOTALS.....	433	145	123	75	65	106	150	182	189	185	124	35	1	581	3746								
CLASS I.																							
ZYMOTIC DISEASES.																							
Order 1.—Miasmatic.																							
1. Smallpox.....	1	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2
2. Measles.....	20	43	22	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	85	91
3. Scarlet Fever (Scarlatina).....	1	2	23	9	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	25	35
4. Diphtheria.....	..	..	4	4	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	9
5. Quinsy.....	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
6. Croup.....	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3	4
7. Whooping Cough.....	29	20	5	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	54	60
8. Typhus Fever.....	..	..	1	2	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	4
9. Erysipelas.....	..	..	2	4	2	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	14
10. Simple continued F.....	4	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	15
11. Erysipelas.....	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
12. Influenza.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13. Dysentery.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
14. Diarrhoea.....	53	5	1	..	1	2	..	1	1	3	3	1	..	..	..	..	..	..	..	..	..	69	70
15. Cholera.....	1	1	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	2
16. Ague.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
17. Remittent Fever.....	..	..	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	3
18. Rheumatism.....	..	..	..	..	4	1	5	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	11
19. Other Zymotic Diseases.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 2.—Bacterial.																							
1. Syphilis.....	8	1	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	9	10
2. Stricture of Urethra.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
3. Hydrophobia.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Glanders.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Order 3.—Dietic.																							
1. Privation.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
2. Want of Breast Milk.....	4	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	5
3. Dyspepsia and Scoury.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
4. Alcoholism (&c.) Intemperance.....	..	..	..	..	..	..	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	4
Order 4.—Parasitic.																							
1. Thrush.....	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	4	4
2. Worms, &c.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
CLASS II.																							
CONSTITUTIONAL DISEASES.																							
Order 1.—Diathetic.																							
1. Gout.....	..	..	..	..	..	..	..	1	2	..	1	..	..	..	..	..	..	..	..	..	..	4	4
2. Dropsy.....	..	..	..	..	..	2	1	3	..	3	2	..	..	..	..	..	..	..	..	..	..	11	11
3. Cancer.....	..	..	..	1	..	..	15	18	21	16	2	..	..	..	..	..	..	..	..	..	..	73	73
4. Cancer of the Uterus.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Mortification.....	..	..	..	..	..	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	3	3
Order 2.—Tubercular.																							
1. Scrophula.....	..	2	3	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	7
2. Tubercles.....	9	1	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	12	13
3. Phthisis.....	4	4	5	9	22	55	45	32	13	11	..	..	..	..	..	..	..	..	..	..	..	13	236
4. Hydrocephalus.....	15	6	11	10	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	33	43
CLASS III.																							
LOCAL DISEASES.																							
Order 1.—Nervous System.																							
1. Cephalitis.....	..	1	1	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	3
2. Apoplexy.....	..	..	..	..	..	..	3	6	11	7	5	1	..	..	..	..	..	..	..	..	..	33	33
3. Paralysis.....	..	1	..	..	..	..	2	4	7	18	12	3	..	..	..	..	..	..	..	..	..	1	45
4. Insanity.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Chorea.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Epilepsy.....	..	..	..	1	1	1	1	2	..	1	..	..	..	..	..	..	..	..	..	..	..	7	7
7. Convulsions.....	30	5	6	3	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..	49	45
8. Brain Disease, &c.....	6	2	2	1	..	2	2	4	4	7	4	..	..	..	..	..	..	..	..	..	..	10	34
Order 2.—Organs of Circulation.																							
1. Pericarditis.....	..	..	..	2	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	4	4
2. Aneurism.....	..	..	..	1	1	6	10	14	27	20	13	..	..	..	..	..	..	..	..	..	..	6	6
3. Heart Disease, &c.....	..	..	..	1	1	6	10	14	27	20	13	..	..	..	..	..	..	..	..	..	..	102	102
Order 3.—Respiratory Organs.																							
1. Laryngitis.....	3	4	1	..	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	..	8	10
2. Bronchitis.....	29	18	12	..	1	3	5	15	24	40	31	7	..	..	..	..	..	..	..	..	..	79	186
3. Pleurisy.....	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	2
4. Pneumonia.....	20	11	6	5	1	4	9	6	7	5	3	..	..	..	..	..	..	..	..	..	..	32	77
5. Asthma.....	..	..	..	..	..	..	1	2	1	2	1	..	..	..	..	..	..	..	..	..	..	7	7
6. Lung Disease, &c.....	2	..	1	..	1	1	2	1	2	..	..	..	..	..	..	..	..	..	..	..	..	4	12
Order 4.—Digestive Organs.																							
1. Gastritis.....	..	..	..	..	..	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	2	2
2. Enteritis.....	1	..	1	..	1	3	2	2	..	1	..	..	..	..	..	..	..	..	..	..	..	2	6
3. Peritonitis.....	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3
4. Ascites.....	..	..	..	..	..	1	..	3	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..
5. Ulceration of Intestines.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
6. Hemorrhoids.....	..	..	..	..	..	..	..	1	..	3	..	..	..	..	..	..	..	..	..	..	..	4	4
7. Erysipelas.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
8. Intussusception.....	1	..	1	1	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	3
9. Stricture of Intestines.....	..	..	..	..	..	..	1	..	..	2	..	..	..	..	..	..	..	..	..	..	..	1	1
10. Prolapse.....	..	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	1
11. Stomach Disease, &c.....	..	..	..	1	..	1	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	1	1
12. Pancreas Disease, &c.....	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
13. Hepatitis.....	..	..	..	..	..	2	2	..	3	3	3	..	..	..	..	..	..	..	..	..	..	13	13
14. Jaundice.....	1	..	1	1	..	..	1	1	2	2	2	..	..	..	..	..	..	..	..	..	..	8	8
15. Liver Disease																							

Deaths Registered from all Causes during each quarter of the Year 1876 in each Sub-District.

NOTE.—The Deaths in Public Institutions, with the exception of those in the Workhouse, are excluded.

Cause of Death.		Sub-District.		Sub-District.		Sub-District.		Sub-District.		Sub-District.		Total Deaths.		Total.	
		St. Mary.	St. John.	Total 1st Quarter.	St. Mary.	St. John.	Total 2nd Quarter.	St. Mary.	St. John.	Total 3rd Quarter.	St. Mary.	St. John.	Total 4th Quarter.	St. Mary.	St. John.
CLASSES.															
I. ZYMOTIC DISEASES.....															
II. CONSTITUTIONAL DISEASES.....															
III. LOCAL DISEASES.....															
IV. DEVELOPMENTAL DISEASES.....															
V. VIOLENT DEATHS.....															
Not specified or ill defined.....															
TOTALS.....															
CLASS I. ZYMOTIC DISEASES.															
Order 1.—Miasmatic.															
1. Smallpox.....															
2. Measles.....															
3. Scarlet Fever (Scarlatina).....															
4. Diphtheria.....															
5. Quinsy.....															
6. Croup.....															
7. Whooping Cough.....															
8. Typhoid Fever.....															
9. Enteric or Typhoid F.....															
10. Simple continued F.....															
11. Erysipelas.....															
12. Puerperal Fever (Metritis).....															
13. Carbuncle.....															
14. Infarction.....															
15. Dysentery.....															
16. Diarrhoea.....															
17. Cholera.....															
18. Agut.....															
19. Scurvy.....															
20. Rheumatism.....															
21. Other Zymotic Diseases.....															
Order 2.—Etiologic.															
1. Syphilis.....															
2. Stricture of Urethra.....															
3. Hydrophobia.....															
4. Glanders.....															
Order 3.—Dietic.															
1. Privation.....															
2. Want of Breast Milk.....															
3. Purpura and Scoury.....															
4. Alcoholism (a. Del. Tremens).....															
5. Alcoholism (b. Intemperance).....															
Order 4.—Parasitic.															
1. Thrush.....															
2. Worms, &c.....															
CLASS II. CONSTITUTIONAL DISEASES.															
Order 1.—Diathetic.															
1. Gout.....															
2. Dropsy.....															
3. Cancer.....															
4. Cancer (Ovaria).....															
5. Marasmus.....															
Order 2.—Tubercular.															
1. Scrophulous.....															
2. Tubercular.....															
3. Phthisis.....															
4. Hydrophobia.....															
CLASS III. LOCAL DISEASES.															
Order 1.—Nervous System.															
1. Cephalitis.....															
2. Apoplexy.....															
3. Paralysis.....															
4. Insanity.....															
5. Chorea.....															
6. Epilepsy.....															
7. Convulsions.....															
8. Brain Disease, &c.....															
Order 2.—Organs of Circulation.															
1. Pericarditis.....															
2. Anasarca.....															
3. Heart Disease, &c.....															
Order 3.—Respiratory Organs.															
1. Laryngitis.....															
2. Bronchitis.....															
3. Pneumonia.....															
4. Asthma.....															
5. Aneurysm.....															
6. Lung Disease, &c.....															
Order 4.—Digestive Organs.															
1. Gastritis.....															
2. Enteritis.....															
3. Peritonitis.....															
4. Anemia.....															
5. Ulceration of Intestines.....															
6. Hemorrhoids.....															
7. Dropsy.....															
8. Inflammation.....															
9. Stricture of Intestines.....															
10. Fistula.....															
11. Stomach Disease, &c.....															
12. Puerperal Disease, &c.....															
13. Hepatitis.....															
14. Jaundice.....															
15. Liver Disease, &c.....															
16. Spleen Disease, &c.....															
Order 5.—Urinary Organs.															
1. Nephritis.....															
2. Ischuria.....															
3. Bright's Disease (Nephritis).....															
4. Diabetes.....															
5. Calculus (Stone).....															
6. Cystitis.....															
7. Kidney Disease, &c.....															
Order 6.—Organs of Generation.															
1. Ovarian Dropsy.....															
2. Uterine Disease, &c.....															
Order 7.—Organs of Locomotion.															
1. Synovitis (Arthritis).....															
2. Joint Disease, &c.....															
Order 8.—Intestines.															
1. Phlegmon.....															
2. Ulcer.....															
3. Ailix Disease, &c.....															
CLASS IV. DEVELOPMENTAL DISEASES.															
Order 1.—Diseases of Children.															
1. Premature Birth.....															
2. Cystitis.....															
3. Spina Bifida.....															
4. Other Malformations.....															
5. Tetanus.....															
Order 2.—Adults.															
1. Paralysis.....															
2. Childbirth (Puerperal Fever).....															
Order 3.—Old People.															
1. Old Age.....															
Order 4.—Nutrition.															
1. Atrophy and Debility.....															
CLASS V. VIOLENT DEATHS.															
Order 1.—Accident or Negligence.															
1. Fractures and Contusions.....															
2. Wounds.....															
3. Burns and Scalds.....															
4. Poison.....															
5. Drowning.....															
6. Suffocation.....															
7. Other.....															
Order 2.—Homicide.															
Order 3.—Suicide.															
Cause not specified or ill defined.....															

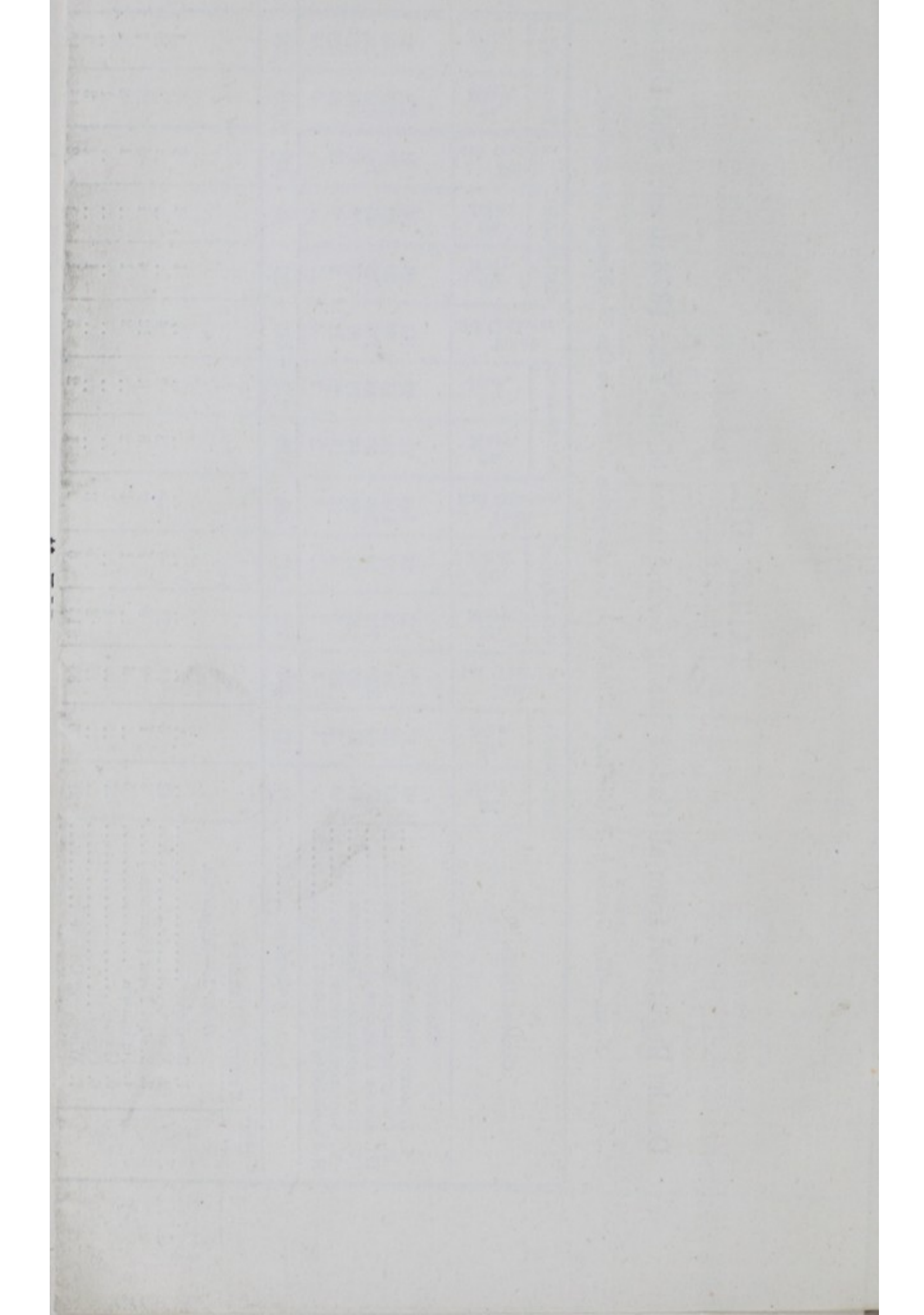


TABLE IV.

Table shewing the Mortality from certain classes of Diseases, and proportions to Population, and to 1000 Deaths, 1876.

	Total Deaths	Deaths per 1,000 of Population.	Proportion of Deaths to 1,000 Deaths.
1. Seven Principal Zymotic Diseases	286	2 · 7	163 · 70
2. Pulmonary Diseases (other than <i>Phthisis</i>)	294	2 · 7	168 · 29
3. Tubercular Diseases	230	2 · 1	131 · 65
4. Wasting Diseases of Infants.....	119	1 · 1	68 · 12
5. Convulsive Diseases of Infants.....	97	· 9	55 · 52

NOTES.

1. Includes Smallpox, Measles, Scarlet Fever, Diphtheria, Whooping Cough, Fever, and Diarrhœa.
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 VII.

Return respecting the Vaccination of Children whose Births were registered during the 52 weeks ending Saturday, 30th December, 1876.

	Registration Sub-Districts comprised in the Vaccination Officers' Districts.	Number of Births returned in the Birth-List Sheets, as Registered from 1st January, to 30th December, 1876.	Successfully Vaccinated.	Insusceptible of Vaccination.	Had Small Pox.	Dead—Un-Vaccinated.	Postponed by Medical Certificate.	Removal to Districts, the Vaccination Officer of which has been duly apprized.	Removal to Places unknown, or which cannot be reached ; and cases not having been found.	Prosecutions.
1	St. Mary ..	2,185	1,814	6	..	180	38	20	125	2 who have been fined 20s. and 2s. costs each.
2	St. John ..	720	610	4	..	53	12	4	37	
	TOTAL	2,905	2,424	10	..	233	50	24	162	2

TABLE A.

Number of occasions when moving organisms were found :—

	1869.	1870.	1871.	1872.	1873.	1874.	1875.	1876.
Kent.....	0	0	0	0	0	0	0	0
West Middlesex.	0	0	0	0	0	0	0	0
New River	0	0	0	0	1	1	0	0
East London ...	4	3	3	1	0	2	0	0
Chelsea.....	3	2	2	3	2	5	4	4
Grand Junction.	4	1	1	2	3	5	7	3
Lambeth	5	0	4	6	3	4	5	4
Southwark	8	1	4	1	2	5	5	7

TABLE B.

Taking the mean proportion of organic impurity in the Thames water delivered in London in 1868 as 1,000, in the subsequent years the following proportions were present respectively in the Thames water, and in the Lea water, the latter being delivered by the New River and East London Companies :—

Year.	Proportion of organic impurity present in Thames water as delivered in London,	Proportion of organic impurity present in Lea water as delivered in London.
1868.....	1,000	484
1869.....	1,016	618
1870.....	795	550
1871.....	928	604
1872.....	1,243	819
1873.....	917	693
1874.....	933	583
1875	1,030	751
1876.....	903	562

TABLE C.

Table showing the efficiency of filtration of Thames and Lea water, also the maximum, minimum, and average proportions of organic impurity in the water delivered by the different Companies during the year 1876.

The water of the Kent Company contains the smallest proportion of organic matter, and as the standard of comparison is represented in the table by an unit.

Names of Companies.	Number of occasions when clear and transparent.	Number of occasions when slightly turbid.	Number of occasions when turbid.	Number of occasions when very turbid.	Maximum.	Minimum.	Average.
<i>Thames.</i>							
West Middlesex	12	0	0	0	6·7	1·8	3·3
Grand Junction.	8	4	0	0	7·6	1·9	3·6
Lambeth	8	4	0	0	6·2	1·7	4·0
Chelsea.....	7	4	1	0	7·0	1·9	3·9
Southwark	5	6	1	0	9·5	2·0	4·4
<i>Other sources.</i>							
New River	12	0	0	0	3·3	0·9	1·9
East London ...	12	0	0	0	4·0	1·7	2·8
Kent.....	12	0	0	0	1·0	1·0	1·0

