

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

Contributors

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

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PRESENTED TO BOARD

14 JAN. 1881

Paddington.

METROPOLIS LOCAL MANAGEMENT ACT.

REPORT OF THE VESTRY,

FOR THE YEAR ENDING 25TH MARCH,

1880.

Washington

METROPOLIS LOCAL MANAGEMENT ACT.

REPORT OF THE VESTRY,

FOR THE YEAR ENDING 25TH MARCH,

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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 (the third Tuesday in August, and the first Tuesday in September 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 Borough 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 15 Ecclesiastical Districts, viz. :—

St. James',
„ John's,
„ Mary's,
Holy Trinity,
St. Paul's,
All Saints',
St. Matthew's,
„ Luke's,

St. Saviour's,
„ Michael and All Angels,
Christ Church,
St. Mary Magdalene,
„ Peter's,
„ Stephen's,
„ Augustine'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 shown 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 | | | <u>96,813</u> |

The number of inhabited houses being 11,784.

The Rates levied since the passing of the Metropolis Local Management Act 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 Provisions of the Valuation (Metropolis) Act, 1869. | 1871... | 3 | 4 | " | 954,868 |
| | 1872... | 3 | 1½ | " | 968,340 |
| | 1873... | 3 | 4½ | " | 984,582 |
| | 1874... | 3 | 7½ | " | 995,009 |
| | 1875... | 3 | 6 | " | 1,004,095 |
| | 1876... | 3 | 6 | " | 1,091,656 |
| | 1877... | 3 | 6½ | " | 1,098,262 |
| | 1878... | 3 | 7 | " | 1,115,550 |
| | 1879... | 3 | 9 | " | 1,125,644 |

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 nearly Two Thousand Pounds, which is yearly 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, viz. :

Vicar of Paddington.

The Rev. WALTER ABBOTT, M.A., 57, Sussex Gardens.

Churchwardens.

Sir CHARLES BRODIE LOCOCK, Bart. 22, Glo'ster Square.
Mr. STEPHEN ETHERINGTON ... 18, Lancaster Street.

Overseers.

Mr. HENRY ARGYLE SPENCER ... 19, Shirland Road.
Mr. ROBERT FREDERICK WHUR ... 28, Craven Terrace.

Representative of the Vestry at the Metropolitan Board of Works.

CHARLES MILLS ROCHE, Esq.... 98, Glo'ster Terrace.

WARD No. 1.

FOR ONE YEAR.

FLOOD, Mr. JAMES ... 24, Burlington Road.
FLOOD, Mr. JAMES WILLIAM ... 8, Westbourne Grove.
MOORE, ENOCH, Esq. ... 13, Aldridge Road Villas.
MORANT, Mr. HENRY ... 57, Westbourne Park Villas.
VICKERMAN, Mr. WILLIAM JOHN ... 82, Westbourne Grove.

FOR TWO YEARS.

ANDERSON, Mr. JAMES PORTER ... 10, Richmond Road.
BELL, Mr. SAMUEL ... 21, Porchester Road.
BUTLER, Mr. FREDERICK ... 37, Porchester Road.
SWINTON, ROBERT BLAIR, Esq. ... 25, Randolph Crescent.
WILLIAMS, Mr. JOHN ... 6, Westbourne Villas.

FOR THREE YEARS.

COX, Rev. JAMES MITCHELL ... 68, Elgin Road West.
DAWKINS, Mr. FREDERICK ... 16, Burlington Road.
FAULKS, Mr. WILLIAM ... 12, Great Western Terrace.
HAWKINS, Mr. THOMAS ... 80, Bishop's Road.
HINGSTON, Mr. EDWARD... 121, Westbourne Park Road.

Auditor—STEARN, Mr. ALFRED, 75, Westbourne Park Road.

WARD No. 2.

FOR ONE YEAR.

| | | |
|------------------------------|--------|----------------------|
| COLLINS, HENRY HYMAN, Esq. | ... | 5, Randolph Road. |
| FARDELL, THOMAS GEORGE, Esq. | ... | 30, Oxford Square. |
| GWYN, Mr. GEORGE | ... .. | 147, Praed Street. |
| MARSHALL, Mr. FRANCIS | ... .. | 31, Elgin Road West. |
| MARTIN, Mr. WILLIAM THOMAS | ... | 10, Bridge Terrace. |
| SPENCER, Mr. HENRY ARGYLE | ... | 19, Shirland Road. |
| TOWNSEND, Mr. SOLOMON | ... .. | 5, Chichester Place. |
| WILSON, HENRY, Esq. | ... .. | 86, Portsdown Road. |

FOR TWO YEARS.

| | | |
|----------------------------|--------|------------------------------|
| BRUNSDON, Mr. THOMAS... | ... .. | 2, Kennett Road. |
| HALLETT, Mr. WALTER | ... .. | 14, Bridge Terrace. |
| JACKSON, Mr. RICHARD HENRY | ... | 47, Harrow Road. |
| NAYLOR, WILLIAM, Esq.... | ... .. | 3, Manor Place. |
| RICHARDSON, Mr. SAMUEL | ... .. | 31, Marylands Road. |
| SMITH, Mr. DAVID | ... .. | 46 & 47, Eastbourne Terrace. |
| URQUHART, Mr. WILLIAM | ... .. | 327, Edgware Road. |
| WILKINSON, Mr. HENRY... | ... .. | 7, Porteus Road. |

FOR THREE YEARS.

| | |
|---|---------------------------------|
| BICKER-CAARTEN, ALFRED GERARD, Esq. | 2, Warrington Gardens. |
| BUCKLEY, Rev. JOHN WALL | 1, St. Mary's Terrace. |
| BURLEY, Mr. CHARLES | 24, Wharves, North Side. |
| ELLIS, WILLIAM, Esq. | 40, Clifton Gardens. |
| KNECHT, Mr. GEORGE | 19, Chichester Road. |
| SPENCER, Rev. ROBERT FRANKLIN, LL.D. | 22, Clarendon Gardens. |
| WILLIAMSON, JOHN WILLIAM, Esq. | 24, Warwick Road. |
| YOUNG, EDWARD PARKER, Esq. | 10, Delamere Crescent. |
| <i>Auditor</i> —KNIGHTS, Mr. GEORGE, 5, Blomfield Street. | |

WARD No. 3.

FOR ONE YEAR.

| | |
|------------------------------|------------------------------|
| CLARKE, HENRY DANIEL, Esq. | 16, Glo'ster Terrace. |
| DREW, Mr. JOHN | 77, Glo'ster Place. |
| LANGRIDGE, Mr. WILLIAM | 13, Craven Road. |
| LONGMAN, Mr. THOMAS | 1, Bathurst Mews. |
| ROCHE, CHARLES MILLS, Esq. | 98, Glo'ster Terrace. |
| WILLIAMS, Mr. FREDERICK JOHN | 8, Craven Road. |

FOR TWO YEARS.

| | | |
|-----------------------------|-----|------------------------|
| DEANE, HENRY BARGRAVE, Esq. | ... | 5, Glo'ster Terrace. |
| ETHERINGTON, Mr. STEPHEN | ... | 18, Lancaster Street. |
| HAWES, Mr. ROBERT | ... | 1A, Moscow Road. |
| HUNTER, JOHN HUMPHREY, Esq. | ... | 40, Glo'ster Crescent. |
| REID, Mr. JOHN | ... | 46, Craven Road. |
| WHUR, Mr. ROBERT FREDERICK | ... | 28, Craven Terrace. |

FOR THREE YEARS.

| | | |
|---------------------------|-----|---|
| DAVIDSON, DUNCAN, Esq. | ... | 4, Lancaster Gate. |
| FARMER, JAMES, Esq. | ... | 6, Porchester Gate. |
| FISHER, Mr. THOMAS | ... | 51, Talbot Road and 55, Shirland Road. |
| FOXLEY, Mr. FREDERICK | ... | 26, Leinster Terrace. |
| GOLD, Mr. ROBERT... | ... | 21, Leinster Square. |
| PRATLEY, Mr. RAYMOND JOHN | ... | 23, Chilworth Street. |

Auditor—BRETT, Mr. ROBERT, 12, Lancaster Street.

WARD No. 4.

FOR ONE YEAR.

| | | |
|--|-----|-----------------------|
| BARWELL, Mr. EDWARD SAMUEL | ... | 4, Bathurst Street. |
| GASELEE, Mr. Serjeant STEPHEN | ... | 2, Cambridge Square. |
| GRIFFITH, CHARLES MARSHALL, Esq., Q.C. | ... | 31, Hyde Park Square. |
| HALL, Mr. RICHARD | ... | 9, Stranraer Place. |
| PARRY, Mr. THOMAS | ... | 79, Oxford Terrace. |

FOR TWO YEARS.

| | | |
|-----------------------------------|-----|------------------------|
| BAKER, Sir GEORGE, Bart. | ... | 4, Hyde Park Square. |
| FOXWELL, Mr. ALFRED WILLIAM | ... | 147, Edgware Road. |
| LOCOCK, Sir CHARLES BRODIE, Bart. | ... | 22, Glo'ster Square. |
| NICOL, WILLIAM EDWARD, Esq. | ... | 13, Hyde Park Terrace. |
| WILSON, JOHN, Esq. | ... | 38, Norfolk Square. |

FOR THREE YEARS.

| | | |
|-------------------------------|-----|----------------------|
| BEVAN, ARTHUR TALBOT, Esq. | ... | 7, Somers Place. |
| FERRIER, ALEXANDER JOHN, Esq. | ... | 6, Somers Place. |
| HILL, JAMES EARDLEY, Esq. | ... | 6, Oxford Square. |
| POWELL, FRANCIS SHARP, Esq. | ... | 1, Cambridge Square. |
| WYATT, HUGH PENFOLD, Esq. | ... | 18, Oxford Square. |

Auditor—TAPLIN, Mr. JOHN, 47, Edgware Road.

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

| | | | | | |
|--|-------------------------|-----|-----|-----|---------------------------|
| Vestry Clerk | ... | ... | ... | ... | FRANK DETHRIDGE. |
| First Assistant | ... | ... | ... | ... | WILLIAM DAVISON. |
| Second do. | ... | ... | ... | ... | ARTHUR WM. JAMES RUSSELL. |
| Third do. | ... | ... | ... | ... | GERARD BICKER-CAARTEN. |
| Fourth do. | ... | ... | ... | ... | ARTHUR JOHN WHITE. |
| 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, M.D. |
| Inspector of Nuisances | ... | ... | | | THOMAS REEVES CLIFFORD. |
| Ditto | ... | ... | | | CHARLES JOHN BIORN. |
| Public Analyst | ... | ... | ... | ... | ALFRED WALTER STOKES. |
| Inspector under the provisions of the Sale of Food and Drugs Act | | | | | THOMAS REEVES CLIFFORD. |
| Superintendent of Works De- partment (including Public Lighting) | ... | ... | ... | ... | GEORGE WESTON. |
| Book-keeper and Checking Clerk | | | | | |
| do. | ... | ... | ... | ... | HENRY WILLIAM SAWYER. |
| Collectors | Ward No. 1 | ... | ... | | JOHN MITCHELL HUIH. |
| | Ward No. 2 (A Division) | | | | JAMES WILLIAM CUFF. |
| | Ward No. 2 (B Division) | | | | RUEBEN FARROW. |
| | Ward No. 3 | ... | ... | | JOHN GORDON. |
| | Ward No. 4 | ... | ... | | ROBERT CHEADLE. |
| Vestry Hall Keeper | ... | ... | ... | | WILLIAM MATTHEWS. |
| Beadles | ... | ... | ... | ... | GEORGE DARLEY OSTERFIELD |
| | ... | ... | ... | ... | JOHN CROXFORD |

[B] SUMMARY STATEMENT OF CONTRACTS entered into by the VESTRY of the PARISH of PADDINGTON,
during the year ending on the 25th day of March, 1880, viz.:—

| Date when entered into. | Name of Contractor. | Nature of Contract. | Price. |
|-------------------------|----------------------------|--|---|
| 18th March, 1879 ... | Mr. E. H. Bayley ... | For supply of 20 Water Vans ... | £55 per Van. |
| 3rd April, 1879... .. | Messrs. Wright & Clements | For Forage | As per Schedule of Prices. |
| 29th September, 1879 | Mr. W. C. Parkinson... | For examining and repairing annually, Meters and Meter Boxes. | At 4s. each. |
| | Ditto | For examining, testing, repairing, and adjusting annually, Cocks, Gover- nors and Burners. | At 1s. 3d. each. |
| 1st December, 1879 ... | Messrs. Bennett & Son ... | For Forage | As per Schedules of Prices. |
| 5th December, 1879... | Mr. H. Haynes | For erection of Shed at Alperton ... | £205. |
| 6th January, 1880 ... | Messrs. M'Corquodale & Co. | For Printing, Books and Stationery ... | As per Schedules of Prices. |
| 31st January, 1880 ... | Messrs. Mowlem & Co. ... | For Paving Works... .. | As per Schedule of Prices. |
| 9th February, 1880 ... | Mr. Henry Odell... .. | For Gravel | Sifted, 3s. 2½d. per ton. Unsifted, 3s. 1d. per ton. |
| | Ditto | For unloading Slop, &c. | Vestry to pay 4d. per ton for Shoot and Unloading. |
| 19th February, 1880 | Mr. G. S. Manuelle | For Quenast Granite | At 15s. 3d. per cubic yard. |
| 19th February, 1880 | Mr. F. Manuelle | For Guernsey Granite | At 14s. 11½d. per cubic yard. |
| 19th February, 1880 | Messrs. Nowell & Robson... | For Bardon Hill Granite | At 14s. per cubic yard. |
| | Ditto | For Enderby Granite | At 13s. per cubic yard. |

The following Rates have been levied, viz. :—

| Date. | Poor. | Lighting. | General. | Sewers. | Conso- lidated. | TOTAL. |
|------------------|--------|-----------|----------|---------|--------------------|---------|
| | d. | d. | d. | d. | d. | s. d. |
| April 1879 ... | 9 | 1 | 9½ | ... | 2½ | 1 10 |
| October 1879 ... | 10½ | 1 | 8 | ½ | 3 | 1 11 |
| TOTAL..... | 1 7½d. | 2d. | 1 5½d. | ½d. | 5½d. | 3s. 9d. |

The Assessment of the Parish based upon the Rate made in October last was £1,125,644.

The number of Borough Voters, according to the present Register, is 7,412.

The number of County Voters is 76.

The number of Persons returned in the Jury List presented to the Justices of the Peace on the 29th day of September last, amounted to 5,157.

During the year, 23 Meetings of the Vestry, and 108 Meetings of the various Committees have been held, making a total of 131 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 12th, 1880.

REPORT

OF THE

WORKS EXECUTED

IN THE

PAVING & SEWERS DEPARTMENTS,

BY

GEORGE F. STEVENS,

Surveyor.

REPORT

OF THE

WORKS EXECUTED

IN THE

PAVING & SEWERS DEPARTMENTS

BY

GEORGE F. STEVENS

Surveyor.

TO THE
VESTRY OF PADDINGTON.

SURVEYOR'S DEPARTMENT,

VESTRY HALL,

30th June, 1880.

GENTLEMEN,

I beg to submit my Annual Report of the various works executed, and of the principal official transactions in this Department during the year ended Lady-day, 1880.

Highways.

A further removal of macadamized roadways, and a substitution by wood blocks on a Portland cement concrete foundation have been effected in Radnor Place, Somers Place, Praed Street, and Cambridge Place. The total area of these works is 10,309 yards superficial, and the cost for concrete and wood pavement laid complete has been £4,597 3s. 7d., or about 8s. 11d. per yard. The preparation of the ground to receive the concrete and wood blocks, and the laying thereof, were executed by the Vestry's workmen, under my superintendence, and

that of the Clerk of Works, without the aid of contractors.

The requisite repairs of the channel paving, paved crossings, and roadways have been carried out, where necessary.

In various parts of the Parish the footway-pavements were taken up, relaid, and repaired from time to time, as found to be requisite.

The macadamized roadways (many requiring a coating of granite once every year) have been repaired in the usual manner, by diverting the vehicular traffic during the operations of one or more steam road rollers.

A small addition to the Parish roads now makes the extent thereof 44 miles 2 furlongs and 64 yards.

The continued openings made in the roads and footpaths by gas and water companies are still a source of much inconvenience to the public. The number of places repaired is 3386, and the cost of reinstating the pavements by the Vestry, and paid by the Companies, is £1022 11s. 9d.

Buildings, Sewers, and Drains.

The buildings erected during the year comprise 1 Board School, 2 large warehouses, and 269 dwell.

ing houses of various classes, for which notices have been received from builders and others, in compliance with the 76th section of Metropolis Local Management Act, 1855, and orders of Vestry for the drainage of such buildings have been served upon the parties concerned. For reference copies of the Orders are attached to the notices and deposited at the Vestry Hall.

In the new streets sanctioned by the Metropolitan Board of Works, two thousand nine hundred and twenty-one feet run of sewers, 1 brick thick, and of the capacity of 3'·9" × 2'·6", have been constructed, together with side entrances and air openings thereto, by, and at the expense of private individuals, viz. :—

LYDFORD ROAD,
 BARNSDALE ROAD,
 WARLOCK ROAD (an additional portion),
 ASHMORE ROAD.

As a temporary measure one hundred and seventy-six feet of 9" pipe drain has been laid from the premises lately known as "Videon's Nursery" in Maida Vale, into the sewer in Clifton Road, at the expense of Mr. Ben. Davis.

Nine and six inch stoneware pipe drains, as shown on plans of building notices, have been laid down

for the drainage of the new buildings, and the same have been trapped at their outlets into sewers at the expense of the owners.

In consequence of the defective condition of sixty-nine old drains under the public roads and footways from houses and other buildings, which, on examination, it was found necessary to re-construct, the works for the same have been carried out by the Vestry's Contractor at the cost of persons requiring such re-constructions.

The Vestry's Contractor has also completed five hundred and forty-nine distinct works, which include the above drains, repairs to sewers, construction of side entrances, with air openings to sewers, gulley drains, and catch pits, and fixing traps to outlets of gulley and house drains, at a cost of £2,103 7s. 9d. Of this amount the sum of £782 19s. 2d. has been received from builders and others for defraying the cost of the respective works done for them.

Prompt attention has been given to one hundred and eighty-five complaints received, referring chiefly to stoppages in drains, or offensive smells arising therefrom.

One hundred and twenty-seven examinations of house drains have been made from sewers, in reference to their general condition—namely, such as

alleged stoppages therein, and whether trapped at the outlets.

In the majority of cases where, on examination, the drains were found stopped from some local cause which could be removed by drain rods from sewers, they have been so relieved. The applicants requesting these examinations, and who paid for them, were informed of the results of the examinations.

Many of the large brick sewers are periodically cleansed by the removal of heavy deposits therefrom, and some of them flushed with water in addition thereto. The pipe and small brick sewers were also flushed with water whenever they required it, thereby conducing to their sanitary condition.

One hundred and forty-nine cart loads of heavy deposits, which interfered with the free flow of the sewage, have been removed during the year from the sewers by the Vestry's workmen. There have also been 26,592 removals of road detritus from catch-pits and street gulleys, being at the rate of about 88 removals each day. Two thousand cubic yards of detritus have been taken from the catch-pits, so that the rainfall could flow freely away from the roadways into the sewers.

The seven public urinals are kept in a cleanly and efficient condition by workmen employed by the Vestry.

Further works of improvement to sewers and street gulleys have been carried out, viz. :—

The construction of two side entrances to sewers in order to obtain easier access thereto for cleansing purposes, examining and unstopping drains, and other necessary works.

The construction and re-construction of ninety-two street gulleys, and the repair of forty 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. |
|-----------------|----------------------|--|----------------------------|
| 1879. | | | |
| April 25 ... | Pindock Road... .. | Warwick Road North | ... |
| „ 25 ... | East Burlington Mews | Burlington Mews West | ... |
| August 1 ... | Castellain Road ... | Pindock Road... .. | ... |
| „ 8 ... | Lanark Villas... .. | ... | 36 |
| „ 8 ... | Newton Road | Newton Terrace, Havelock Terrace | 42 |
| October 24 ... | Porchester Gardens | “The Terrace,” Kensington Gardens Square | 24 |
| 1880. | | | |
| February 27 ... | Kilburn Park Road | Randolph Gardens.. | ... |
| March 24 ... | Westbourne Grove | Houses Nos. 10 and 12 to be No. 12 | ... |
| | | | 102 |

Schedules containing the names of the occupiers or owners 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.

A tabular statement of the principal works executed is annexed herewith.

I am,

Gentlemen,

Your most obedient Servant,

GEORGE F. STEVENS,

Surveyor.

Schedules containing the names of the occupants or owners 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.

A tabular statement of the principal works executed is annexed herewith.

I am,

Gentlemen,

Your most obedient servant,

GEORGE F. STEVENS.

Surveyor.

Paddington.

SANITARY REPORT

FOR THE YEAR

1879.

BY

JAMES STEVENSON, M.D.,

Medical Officer of Health.

Washington, D.C.

SANITARY REPORT

FOR THE YEAR

1879.

JAMES STEVENSON, M.D.

Medical Officer of Health for the District of Columbia.

FIFTH ANNUAL REPORT.

To the Vestry of the Parish of Paddington.

GENTLEMEN,

A necrological survey of Paddington in the year 1879 discloses a higher death rate than has obtained in any year since 1875. Assuming for the moment the correctness of each year's estimate of the population, and not doubting the accuracy in point of numbers of the death returns, the unwelcome fact above stated is indisputable. An examination, however, of the tables appended, will show that the higher death rate is due to the greater mortality from diseases of the respiratory organs, which were unusually fatal, the result of an exceptionally cold winter. In the case of persons aged sixty years and upwards, the death rate during the winter months is for the most part a question of temperature, as it is mainly determined by it. It is moreover not improbable that an estimate formed in 1879, and based upon data supplied by the census of 1871, is incorrect. Whether this be so or not the next census will declare. It is certain that in estimating the population the method

pursued by the late Registrar General, that is to say, "by adding to the population as enumerated at the last census a tenth of the difference between that number and the number obtained at the previous census for each year that has elapsed since the last census, and a fortieth of that difference for each odd quarter," is incorrect. It assumes an arithmetical instead of a geometrical progression in the increase of population.

Notwithstanding the trouble and expense involved in numbering the people, it would be well, having regard to the importance of obtaining accurate vital statistics, which are necessarily based upon the numbers of a living existent population, if the census were taken in England every five years, as it is on the continent. A knowledge of the movements and distribution of populations, the recognition of the rapid growth of new industrial centres, and of the enlargement of old ones, of the continual influx and efflux of persons to and from the larger towns, and of the permanent drain by emigration, more particularly in times like the present, is necessary in order to ascertain each year the *actual* as distinct from the *natural* increase of population, and to determine with accuracy birth rates and death rates, and the multiform questions arising out of them—questions to statesmen, and to all who are charged

with the health of the people, of the highest importance, and demanding their first consideration.

During the registration year of 53 weeks ending 3rd January, 1880, 2,912 births and 2,119 deaths were registered in Paddington. In the annexed tables 1,939 of these deaths are dealt with, the remaining 180 being those of non-parishioners. The recorded natural increase of the population from the excess of births over deaths was therefore 973. Assuming, as in former years, a further increase from the immigration of persons from other parts of London and from the country, the population in the middle of last year may be estimated at 113,629, allowing 74,496 to St. Mary's, and 39,133 to St. John's sub-districts.

Of the 2,912 births, comprising 1,477 male and 1,435 female children, 2,180 were registered in the sub-district of St. Mary's, and 732 in that of St. John's.

The proportion of the sexes was 100 males to 97 females—in the metropolis it was 100 males to 98 females.

In St. Mary's the proportion was 100 males to 96 females, and in St. John's 100 males to 97 females.

The births were most numerous during the first, and least so in the third, quarter of the year. The

ratio of the births to the entire population of the parish was 1 birth to every 39 inhabitants, or a birth rate of 25·6 per 1,000 of the population.

In St. Mary's sub-district the ratio of births to the population was 1 to 34 persons *living*, or a birth rate of 29·3 per 1,000 inhabitants.

In St. John's the ratio of births to the population was 1 to every 53 persons *living*, or a birth rate of 18·7.

Some of the preceding particulars are shewn in the subjoined table:—

| Sub-Districts. | Estimated Population. | Births. | Ratio of Births to Population. | Rate per 1,000. |
|-------------------|-----------------------|---------|--------------------------------|-----------------|
| St. John's | 39,133 | 732 | 1 to 53 | 18·7 |
| St. Mary's | 74,496 | 2,180 | 1 to 34 | 29·3 |
| Paddington | 113,629 | 2,912 | 1 to 39 | 25·6 |

The birth rate for London was 36·5 per 1,000.

The long-continued commercial depression allowing of fewer marriages is a probable explanation in part of the lower birth rate throughout the parish, and generally throughout England and Wales.

The total deaths registered in Paddington were, as already stated, 2,119. Of these 3 happened in

the Lock Hospital and 241 in St. Mary's Hospital. As 2 of the former and 178 of the latter were those of non-parishioners, their deaths are excluded from consideration in this Report.

Of the remaining 1,939 deaths 1,383 occurred in St. Mary's sub-district and 556 in St. John's. The 183 deaths in the Workhouse—83 males and 100 females—are included in the deaths in St. Mary's sub-district, as is also one of the deaths in the Lock Hospital.

The deaths were most numerous during the first, and least so in the third, quarter of the year.

The following Table shows the ratio of deaths to the population, and the death-rate per 1,000 in the Parish, and in its two Sub-districts:—

| Sub-Districts. | Estimated Population. | Deaths. | Ratio of Deaths to Population. | Rate per 1,000. |
|-------------------|-----------------------|---------|--------------------------------|-----------------|
| St. John's | 39,133 | 556 | 1 to 70 | 14·2 |
| St. Mary's | 74,496 | 1,383 | 1 to 54 | 18·6 |
| Paddington | 113,629 | 1,939 | 1 to 59 | 17·06 |

In calculating the death rate, no allowance has been made for the deaths unknown to me of parishioners in the Hospitals of the Metropolitan Asylums Board, and in other hospitals, institutions, and places outside the parish; but the deaths in the

parish of persons who were not parishioners may be considered to some extent as a set-off against such deaths.

In 1879 the death rate for London was 23·3 per 1,000.

| | | | | | |
|---|---|-------------------|---|------|---|
| „ | „ | Edinburgh | „ | 19·7 | „ |
| „ | „ | Glasgow | „ | 21·7 | „ |
| „ | „ | Dublin | „ | 35·1 | „ |
| „ | „ | England and Wales | „ | 21·0 | „ |

The evidence of improved sanitation throughout the Metropolis generally is seen in the reduction of the death rate which for some years has been going on—though not in equal proportions—in each one of the five groups of registration districts. The reduction has been most marked in the west and south districts.

Deaths Registered in the London Districts.

| | 1875. | 1876. | 1877. | 1878. | 1879. |
|----------------|---------|-------|-------|-------|-------|
| West Districts | ...22·2 | 21 0 | 19·2 | 21·6 | 21·1 |
| North „ | ...22·3 | 21·4 | 21·8 | 22·3 | 22·0 |
| South „ | ...24·0 | 22·1 | 21·4 | 24·2 | 23·3 |
| East „ | ...25·6 | 24·0 | 24·5 | 25·0 | 25·7 |
| Central „ | ...26·1 | 24·1 | 24·1 | 25·0 | 26·0 |

Deaths and Death-rates.

When considering the death-rates and comparing them with those of former years, it should be borne in mind that the year 1877 was exceptionally healthy

Notwithstanding, however, the greater mortality of 1878 and 1879, the death-rates from all causes during the quinquennium 1875-79 favourably compare with those of the previous quinquennial or decennial periods, as will be seen on referring to Table II. With a larger estimated population, the deaths of infants under one year and of children under five years of age were absolutely fewer in 1879 than in the years 1878, '76, or '75. Of the 2,912 children born in the parish 403 died during their first year of life, being 20·8 per cent. of the total deaths, and 13·8 per cent. of the registered births, or 208 per 1,000 deaths and 138 per 1,000 births. In the 20 largest English towns the corresponding rate was 151, and in London 148, per 1,000 registered births. The total deaths of children under five years of age were 677. This represents 35 per cent. of the entire mortality—that is to say, of every three deaths which happened in the parish during the past year, one was of a child under five years of age. This mortality, though greatly in excess of what it ought to have been, has in London during the last eight years, 1871-78, declined 7 per cent. A still greater reduction, amounting to 25 per cent., has, during the same period, been effected at the ages between five and ten years.

Zymotic Diseases.

From the seven principal zymotic diseases 243

deaths occurred, the death-rate being, as is shewn in Table IV., 2·1 per 1,000 of the population, the same as in 1877, whereas in London it was 3·3. Whilst the above figures represent all the deaths which actually occurred in the parish from those diseases, they do not include the cases of small-pox and of scarlet fever which were removed to the hospitals outside the parish.

Small-pox.

From small-pox three deaths occurred in the parish. In my last Annual Report some particulars are given of 25 cases which came under the notice of the Sanitary Department during the first eleven months of the year 1879. In December one other case was removed from St. John's. Of the 26 cases in all removed during the year—8 from St. Mary's and 18 from St. John's—6 were sent to the Small-pox and Vaccination Hospital at Highgate, and 20 to the hospitals of the Metropolitan Asylum Board. In London the deaths from small-pox were 2,544 in 1877, 1,416 in 1878, and 458 in 1879.

Measles.

Measles, which in London was more than usually fatal, caused 29 deaths in Paddington, 27 being of children under five years of age. The proportion of deaths to every 1,000 deaths was 15·0; in London it was 29·0.

Scarlet Fever.

Scarlet fever was more fatal than usual and caused 67 deaths. 27 cases were sent to the hospitals; 2 to the London Fever Hospital, and 25 to the hospital at Stockwell. Of the 27 cases 17 were from St. Mary's and 10 from St John's sub-district.

Diphtheria.

Diphtheria was more fatal than usual and caused 26 deaths, being at the rate of 13·4 per 1,000 deaths; in London the proportion was 6·9.

Whooping Cough.

Whooping cough, which in London was more than usually fatal, caused 61 deaths, the proportion of deaths to every 1,000 deaths being 31·5. In London it was 35·0.

Fever.

The Registrar-General remarks that "evidence of the improved sanitary condition of London is afforded by the reduction of the mortality by fever, the death rate from which has been reduced from 9·2 in the thirty years 1841-70 to 3·9 in the nine years 1871-79; it was the cause of 1,099 deaths in 1879, a number considerably below the corrected average." In Paddington typhoid fever caused 16

deaths, being at the rate of 8·3 per 1,000 deaths; whereas in London it was 10·0.

Diarrhœa.

Owing to the low temperature during the summer of 1879 the deaths from diarrhœa were remarkably few, being in London little more than half of the number in the previous year. In Paddington diarrhœa caused 38 deaths, of which 28 were of children under 1 year of age, and were therefore cases of infantile diarrhœa. The proportion of deaths was 19·6 per 1,000 deaths. In London it was 22·4 per 1,000 of the total deaths in the year.

Vaccination.

Table VII., supplied by Mr. Dudman, furnishes the Vaccination statistics of the year. 13 children were certified to be insusceptible of vaccination. Those who are most conversant with the subject will be the first to admit that cases of insusceptibility of vaccination are extremely rare, much more so than is represented by the above numerals.

Sanitary Work.

Table VI. shows in part the Sanitary work done by the Inspectors during the parochial year, and affords convincing evidence, if such were needed, of the necessity for their services. With the increase

of houses and of population, those services are likely to be every year in greater request.

The Canal Basin.

Upon the condition of the Canal Basin much consideration has been bestowed by the Sanitary and Public Health Committee. It at all times demands the attention of the Sanitary Inspector. The bottom of the Basin is covered with ooze irregularly distributed over it—the largest deposits being in the centre—consisting mostly of decomposed animal and vegetable substances, with more or less earthy matter, which have accidentally fallen from the wharves on either side of it and from the boats in the course of their being loaded and unloaded. Much of the excreta from persons living in the boats when in the Basin is thrown into it. Bilge water, the liquid from offensive cargoes, and surface water from the wharves, find their way into it. The ooze, soft mud or slime, nearly black in colour and amounting to several thousand tons, varies in thickness from a few inches to three feet. This was ascertained by me, with the help of Inspector Biorn, by means of measuring rods in 1878, and again within the last few days by Inspector Clifford.

In front of some of the wharves, from carelessness in loading the boats, there are still larger

foul deposits. Such being the normal condition of the Basin itself, it necessarily follows that the water, however frequently changed, speedily becomes loaded with organic impurities. Ocular demonstration of this fact is unnecessary. Given a body of stagnant water, to which additions are daily made of putrescible materials, let it be subjected to every change of temperature, and let the mud at the bottom, consisting largely of decomposed organic matter, be frequently stirred—conditions similar to those presented by the water in the Canal Basin—and it may be safely predicated that such water is at all times foul, and capable of becoming offensive and injurious to health.

The water in the Basin is stagnant, and stinks. With the warmer weather of the summer months its temperature is raised. Influenced also, it may be, by certain electrical conditions of the atmosphere, decomposition of the organic matter suspended in the water, or held in solution, goes on more rapidly; carbonic acid gas is given off, and sulphuretted hydrogen is liberally disengaged from the mud at the bottom, thus denoting the presence of animal matter. From the water supersaturated with these gases, bubbles may be seen rising and breaking upon its surface, to the annoyance, and not without danger to the health, of the neighbourhood. At this stage the water is black.

Dr. Sanderson, in his first annual report (1856), expresses the opinion that the Canal itself and the various noxious trades which are carried on on its banks are not only a public nuisance, but in an unmistakable manner shorten the lives and multiply the diseases of the surrounding inhabitants. In 1857, in consequence of the foul state of the Basin, the Vestry requested the Company to empty it and to remove the mud by spade labour. This the Company declined to do, and contented themselves with hand-dredging during several of the winter months. The manner in which the work was done did not satisfy the Surveyor of the Vestry. In May, 1858, the Basin was emptied, and the Company determined to cleanse the bottom by spade, notwithstanding a protest from the Sanitary Committee pointing out the danger of such procedure during the summer months. Dr. Sanderson reported that, although the operation was continued during eight days, the excavation had not at the end of that period extended to so much as one-half of the whole area of the Basin; that during the last three days of May, when the weather was unusually hot, the emanations were most overpowering, and afforded convincing evidence of the inexpediency and probable danger of exposing the channel to the summer sun. In December of the same year, the Sanitary Committee requested the Company to

empty the Basin and to remove the mud by spade, as they had promised to do in the previous July. The Company replied that, owing to the deficiency of rain, the reservoir from which the Canal is principally supplied was nearly empty, and that "it would therefore be impossible to run off any portion of the water from the Paddington Basin until such supplies could be obtained as would restore the quantity so run off." The Committee decided not to press the matter further at that time. In 1859, owing to the deficiency of rain during the spring, the exhalations from the water in June were peculiarly fetid. The efforts of the Vestry to induce the Company to abate the nuisance having proved ineffectual, proceedings were instituted at the Police Court, Marylebone, which caused the Company to give immediate orders for the disinfection of the Basin. During five days large quantities of disinfecting fluid (McDougall's) were introduced. The result appeared to be satisfactory; but, whenever the mud of the channel was disturbed, the stench was reproduced in its former intensity. In 1860, after much pressure from the Vestry, the Company undertook to effectually cleanse the Basin. Accordingly, in February, about 4,000 tons of mud were removed, and shortly afterwards Dr. Sanderson reported that the channel was in a satisfactory condition, and that the state of the water was wholly

unobjectionable. In 1861, Dr. Sanderson reported that the satisfactory condition of the Basin at the close of the previous year had not continued, in consequence "principally of the carelessness of the workmen employed on the wharves." In 1862, notwithstanding that the water was run off in July, it was found necessary in August again to press upon the Company the expediency of repeating the operation, but without effect. In January, 1863, it was resolved by the Vestry, "That their Solicitor do prepare and serve on the Grand Junction Canal Company a notice that, inasmuch as they have failed to comply with the request of the Sanitary and Public Health Committee to cleanse the bed of the Basin during the cold weather, the Vestry will hold the Company responsible for the consequences that may ensue in the hot season by reason of such neglect." In July, 1863, the water again became offensive, and occasioned much sickness among the women and children inhabiting the barges. The Basin was emptied and refilled with beneficial effect.

At a special meeting of the Sanitary Committee the Secretary of the Grand Junction Canal Company represented that they had to encounter serious difficulties in consequence of the Metropolitan Board of Works requiring them to give forty-eight hours notice before allowing the water to flow into the

sewers. In consideration of this statement the Vestry Clerk was directed to write to the Metropolitan Board of Works, pointing out to them how important it was to the health of the parish that the Basin should be frequently emptied, and requesting them, with a view to facilitate this object, to allow the Grand Junction Canal Company to run off their water through the sewers under their control at a shorter notice than forty-eight hours. To this request the Board declined to accede in consideration "of the necessity of making effectual and timely arrangements for the protection of the lives of the men working in the main sewers."

In May, 1864, the Company, after much pressure on the part of Dr. Sanderson, cleansed the whole of the Basin to his entire satisfaction. The mud removed on this occasion amounted to several thousand tons. In 1865, Dr. Sanderson stated at a conference with the Directors of the Canal Company that in the opinion of the Vestry the nuisance was owing to three causes, viz.:—

1. To the stagnancy of the water.
2. To the carelessness of the wharfingers and bargemen, either in allowing soakage from the wharves, or in spilling offensive matter while loading their barges.
3. To the constant discharge from the barges into

the Basin of bilge water, night soil, and other descriptions of filth.

Dr. Sanderson added that in the opinion of the Vestry these evils could only be remedied by the adoption of the following measures—(1) To renew the water every year at least three times during the summer months; (2) To make and enforce on all persons carrying on trade in manure or other offensive matters, and on all bargemen, such regulations as regards the construction of their barges and landing places as are necessary to prevent the spilling or soakage above referred to, and to prohibit the discharge of soil, bilge water, or other offensive liquids into the Basin. Dr. Sanderson further expressed a decided opinion that the changing of the water was in every respect preferable to the employment of any means of disinfection. In May, however, ten tons of chalk-lime were introduced into the water and scattered over its surface. The supply of water did not permit the Basin to be emptied before June, when it was found that the depth of the mud did not exceed a few inches in any part except in the neighbourhood of the bridge. The improvement in the health of the surrounding inhabitants, and particularly of the families of the bargemen, consequent on the removal of the water, was marked. In the summer of 1866 it was necessary that the Basin should be emptied. This was

done, and large quantities of foul deposit were found opposite the manure wharves, as well as at the east end of the Basin. Of this only a small quantity was removed.

Dr. Hardwicke in his first annual report stated that the basin was emptied and tolerably well cleansed in July, 1867, and again less perfectly so at Christmas. In 1868 Dr. Hardwicke, with the sanction of the Vestry, addressed a letter to the Grand Junction Canal Company, in which, after referring to the insanitary condition of the Canal Basin; to the requirement by the Metropolitan Board of Works of forty-eight hours notice before allowing the water to be run off; to the making and enforcement of bye-laws, having for their object the prevention of the fouling of the basin by those employed thereon; to the absence of water-closet accommodation for such persons, as well as for those living in the barges; and to the need of cleansing the basin once or twice a year—matters and measures which had been previously urged by Dr. Sanderson—he recommended the appointment of an efficient water-bailiff to check those malpractices with regard to loading, &c., which have been the cause of nearly all the mischief. Dr. Hardwicke further recommended that, whenever it should become necessary to cleanse the basin, a sufficient number of barges should be allowed to sink in it whilst the water

was being run off; that then the barges should be filled with the deposit, and afterwards floated and moved out of the parish as soon as the water was again let into the basin.

In 1871 the basin was emptied, but none of the mud was taken away. In 1872 the water was run off, and part of the deposit removed. The measurements made by Inspector Clifford in the month of May of that year, and reported by Dr. Hardwicke, showed a deposit of mud varying in depth from two inches to five feet. Notices were served by the Sanitary Department upon the wharfingers and the Canal Company to cleanse the Basin. The wharfingers did their part; not so the Company. A summons was therefore taken out in the Marylebone Police Court, but proceedings were subsequently suspended, as the Company agreed to do all that was in the meantime necessary, and to prevent the recurrence of any nuisance. Dr. Hardwicke reported that the appointment of a water-bailiff by the Company had proved a complete failure, inasmuch as that officer had never attempted to enforce the bye-laws of the Local Act, and recommended that a special officer for that purpose should be employed by the Vestry. In April, 1873, the water was run off, but much of the mud was left untouched. A notice was therefore served upon the Company, under the Nuisance Removal Act. This proving ineffectual, a summons was taken out.

The case was argued at great length before Mr. D'Eyncourt, and resulted in a conviction against the Company. Upon Counsel giving notice of appeal to a higher court, the magistrate reconsidered his decision, and, after a few days, the Vestry Solicitor received a communication from Mr. D'Eyncourt to the effect that he could not sustain the order to convict the Company under the Nuisances Removal Act, inasmuch as he believed that Act did not contemplate dealing with a canal company, and that in future the Vestry should proceed by way of indictment whenever any actual nuisance arose. Dr. Hardwicke reported that in 1874 the water was not changed at Whitsuntide, as it usually is; and that the Company had, during the winter, removed by dredging a considerable quantity of mud.

In his last annual report (1874-75) Dr. Hardwicke remarks that during the whole period of his official career, as well as during that of his predecessor, Dr. Sanderson, every attempt to improve the condition of the Canal Basin had failed, that the Company whilst expressing itself willing to take any steps that might be suggested contented itself with occasionally changing the water and partially removing the mud, but had never adopted any effectual method of regulating the noxious trades prosecuted on its banks. Dr. Hardwicke concludes

his remarks with the reiteration of the various suggestions that had been previously made for the improvement of the Canal Basin, viz.:—The provision of a concrete bottom, frequent change of water, its conversion into a running stream, thorough cleansing of the basin during the winter months, and the use of dredgers throughout the year, and adds that it would be quite feasible to buy the ground for building purposes, and to remove the noxious businesses further into the country.

In my first annual report (1875) I expressed the opinion that the Canal Basin must remain a nuisance so long as the offensive trades carried on upon its banks are permitted, and its bed is left in its present state; that all attempts at disinfecting the basin would be nugatory; that if the mud were removed, a hard impermeable bottom provided, and the water changed as often as the necessity arose, the main conditions would be secured for bringing about a better state of matters; and that the Vestry could take care that the sewers were not choked with mud, and oblige the Canal Company in turn to compel their tenants to carry on their business with some regard to the public health. In June, 1876, on my representing to the Sanitary Committee the offensive condition of the water in the Canal Basin, the Vestry Clerk was instructed to write to the Grand Junction Canal Company requiring them to change the water

and to remove the mud, taking care to render the operation as inoffensive as possible. In the following month I reported to the Sanitary Committee that the Canal Basin had recently been twice emptied, and that of the deposit, which was found to be much less than might have been anticipated from the very offensive state of the water, none had been removed.

In June, 1878, I informed the Sanitary Committee that on Whit-Monday of that year the water had been run off, that the bottom of the basin was covered with mud, varying in depth from one to three feet, and added that emptying and refilling the basin did not meet the necessities of the case; that so long as the deposit remained the water must become foul, and, in a short time, being charged with noxious gases, prove injurious to health, and that therefore the mud should be removed. In July, 1878, I informed the Committee that the Basin had been again emptied, and that none of the deposit had been removed. I suggested that upon the return of cold weather the Vestry should insist on this being done. In December, 1878, I reminded the Committee of the above suggestion, and pointed out that it was insufficient to abate the nuisance, and that its recurrence should be prevented. Thereupon the Sanitary Committee instructed the Vestry Clerk to write to the Company pressing them to have the water run off,

and the bed properly cleansed whilst the weather was cold.

To this the Company, in their letter of the 14th January, 1879, replied that it would be useless to run off the water at that season of the year, and that a hand dredger had been for some time past employed in cleansing the Basin. Thus the efforts of the Committee to have the Basin properly cleansed at that time were unsuccessful.

In 1879 the Canal Basin was emptied three times. None of the deposit was removed. In November, 1879, the Sanitary Committee, at my suggestion, instructed the Vestry Clerk to write to the Company impressing upon them the desirableness of their employing additional dredging machines in the Canal Basin, and suggesting that the same should be kept constantly in action during the winter months. To this the Company replied that they had one dredger at work in the Paddington Basin and had arranged to put on another. The Company also expressed the hope that instructions would be given to the parties in charge of the parish wharves to see that the boats were properly loaded. I regret to add that during the past winter I have seldom seen or heard of more than one dredger at work; that so far from giving effect to the wishes of the Vestry to cleanse the Basin by getting rid of the

mud, there has been on the part of the Company only the semblance of compliance, and that consequently the bottom of the Canal Basin and the water in it are in as fetid a condition to-day as they ever were.

I have purposely refrained from making any suggestions as to the mode in which the occupiers of the wharves should carry on their business. To my mind the reasons are cogent for declining to lay down rules professedly complete, and conformity to which might be held to absolve the parties concerned from blame. The nuisance is not imaginary, it is real, and its abatement should be not less so. The remedies are obvious. The duties neither of the owners nor of the occupants of the wharves are obscure. The Canal Company knows what the Vestry expects it to do, and can command its own counsellors. It cannot be contended that the Company has done all that it might have done. Had a sufficient number of dredging machines been employed during past winters, the bottom of the basin would have presented a very different appearance.

The reports of my predecessors, Dr. Burdon Sanderson and Dr. Hardwicke, record similar conditions, similar suggestions, and similar abortive endeavours to effect any permanent improvement of the Canal Basin.

Whilst it is easy to infer from the preceding narrative what has been the condition of the Canal Basin at any time during the past twenty-five years, it is impossible to state with accuracy how much illness it has produced, and to what extent it has affected the death rate of the parish. In conducting such an enquiry one is confronted at the outset with the questions, how much of the evil is ascribable to the Canal itself, and how much to the trades carried on upon its banks, or to other causes? That the foul state of the water produces headache, nausea, loss of appetite, vomiting, diarrhœa, and sore throat amongst those employed in the basin is proved by the cessation of such symptoms upon changing the water, and by their return after putrefactive fermentation of the vegetable and animal matter in a fresh supply of water is again set up and allowed to do its work for a time. That there are poisonous gases—carbonic acid and sulphuretted hydrogen—escaping from the water in large quantities during the summer months is shown by chemical analysis; that there are other aeriform products, not well ascertained, evolved in the processes of spontaneous decomposition of organic and mineral substances is more than probable; and that these tend to contaminate the air and render it more or less noxious to animal life, must be admitted, if it be true that atmospheric impurity is an abounding source of

disease. Besides the direct effects already enumerated of these known and unknown vapours which reach the circulation through the lungs, the stomach, and the skin, it is believed that, by depressing vital energy, they act still more injuriously and more extensively as the pre-disposing cause of some diseases, and in imparting a fatal tendency to others.

With the facts now stated successive Sanitary Committees have long been familiar, as may be inferred from the numerous resolutions based upon them which have, from time to time, been sent up to the Vestry for its approval.

It is for the Vestry, in the interests of public health, to determine how long it will allow the Canal Basin to remain an open sewer, as, at times, it may be not inaptly described.

Canal Boats Act, 1877.

This Act which provides for the registration and regulation of Canal boats used as dwellings came into operation on the 1st January, 1878; and the Regulations of the Local Government Board, which are complementary to the Act, on the 30th June of the same year.

The objects of the Act are sanitary and educational. With the latter, Sanitary authorities have

little to do, the School Board being charged with its accomplishment. The Act and Regulations prescribe that after the 1st January, 1879, a canal boat shall not be used as a dwelling unless it is registered. The conditions of registration relate to the number, age, and sex of the persons who may be allowed to dwell in a boat, having regard to cubic space, ventilation, provision for the separation of the sexes, and convenience of accommodation afforded by each boat. In pursuance of its statutory powers, the Local Government Board constituted the Vestry of the Parish of Paddington, the Vestry of the Parish of Rotherhithe, and the Board of Works for the Limehouse District, the three Registration authorities in the Metropolis;—Paddington in respect both of the Grand Junction Canal and the Regent's Canal, Limehouse in respect of the Regent's Canal, and Rotherhithe in respect of the Grand Surrey Canal.

At the date of this report 151 boats have been registered in London. Of these 2 were registered at Rotherhithe, 149* at Paddington, and none at Limehouse. For the efficient working of the Act some alterations in it will be necessary. These will be considered in a future report.

* Since writing the above 8 more boats have been registered in this parish.

Water.

Paddington is supplied with water obtained from the Thames by the Grand Junction and West Middlesex Companies. During the year 1879 the average daily supply of water to the inhabitants of London by the eight metropolitan companies was 134 millions of gallons. Whilst the quantity was greatly in excess of what is required, the quality of the river water was frequently very objectionable. The waters of the Thames and the Lea, even after efficient filtration by the various companies, were only in some measure fit for dietetic purposes during the months of April, November, and December. Only once since 1868 has the Thames water been so much polluted by organic matters as it was in the year 1879. The Thames was often in high flood even in summer, and much filthy matter from sewers, cesspools, and cultivated fields was swept into the river. No practicable amount of storage could have prevented the supply of flood water to London during the past two years. The Lea water maintained its superiority over that taken from the Thames, but was quite unfit for dietetic use during seven months of the year. Of the deep-well waters, that supplied by the Colne Valley Company was the best; of the Lea water, that sent out by the New River Company was the best, and of that taken from the Thames, the best average supplies were furnished

by the Lambeth and Chelsea Companies. The quality of the water drawn from deep-wells in the chalk by the Kent and Colne Valley Companies and by the Tottenham Local Board of Health was uniformly excellent for dietetic purposes throughout the year.

The preceding remarks, together with the annexed tables, respecting the condition of the Metropolitan waters, are taken from Dr. Frankland's Annual Report to the Registrar-General.

I have the honour to be,

Gentlemen,

Your obedient Servant,

JAMES STEVENSON,

Medical Officer of Health.

VESTRY HALL, PADDINGTON,

June, 1880.

TABLE I.

TABLE showing the Population, Inhabited Houses, Births and Deaths, for the Year 1879, 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. |
| 1879 | 74,496 | 39,133 | 13,371 | 2,180 | 732 | 1,383 | 556 |
| 1878 | 72,525 | 39,002 | 13,186 | 2,144 | 727 | 1,250 | 511 |
| 1877 | 70,554 | 38,871 | 13,032 | 2,226 | 695 | 1,220 | 486 |
| 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 |
| Average of 10 years, 1869-1878. | 63,656 | 38,413 | 12,439 | 2,110 | 735 | 1,245 | 595 |

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 the public institutions (St. Mary's Hospital and the Lock Hospital) within the parish are deducted for the years 1877, 1878, and 1879; for the years 1875 and 1876 the total deaths in the above-mentioned Institutions are deducted.

TABLE II.

Table showing the Annual Birth Rate, Rate of Mortality, Death Rates among Children, and Deaths in Public Institutions, for the Year 1879 and 10 Years preceding.

| YEAR. | 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. |
| 1879 | 25.6 | 17.1 | 20.8 | 13.8 | 34.9 | 241 | 3 |
| 1878 | 25.7 | 15.8 | 24.5 | 15.0 | 39.6 | 230 | 3 |
| 1877 | 26.7 | 15.6 | 22.3 | 13.0 | 38.0 | 224 | 5 |
| 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 |
| Average of 10 years, 1869-1878 | 27.9 | 18.1 | | | | 196 | 4 |

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

TABLE IV.

TABLE showing the Mortality from certain classes of Diseases, and proportions to Population, and to 1,000 Deaths, 1879.

| | Total Deaths. | Deaths per 1,000 of Population. | Proportion of Deaths to 1,000 Deaths. |
|--|---------------|---------------------------------|---------------------------------------|
| 1. Seven Principal Zymotic Diseases | 243 | 2·1 | 125·3 |
| 2. Pulmonary Diseases ... (other than Phthisis) | 445 | 3·9 | 229·5 |
| 3. Tubercular Diseases ... | 232 | 2·0 | 119·6 |
| 4. Wasting Diseases of Infants | 107 | 0·9 | 55·2 |
| 5. Convulsive Diseases of Infants | 120 | 1·1 | 61·9 |

NOTES.

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

Deaths Registered at several Groups of Ages from Different Causes during the year 1879.

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

| Cause of Death. | AGES. | | | | | | | | | | | | | | Total under 5 yrs. | TOTAL. |
|---|--------|--------|---------|----------|----------|----------|----------|----------|----------|----------|----------|--------------|-----|-----|--------------------|--------|
| | 0 to 1 | 1 to 5 | 5 to 15 | 15 to 25 | 25 to 35 | 35 to 45 | 45 to 55 | 55 to 65 | 65 to 75 | 75 to 85 | 85 to 95 | 95 & upwards | | | | |
| | 1 | 2 | 5 | 15 | 25 | 35 | 45 | 55 | 65 | 75 | 85 | 95 | | | | |
| CLASSES. | | | | | | | | | | | | | | | | |
| I. ZYMOGENIC DISEASES | 95 | 31 | 74 | 22 | 9 | 10 | 11 | 5 | 4 | 6 | 5 | ... | ... | 220 | 222 | |
| II. CONSTITUTIONAL DISEASES | 41 | 26 | 24 | 15 | 39 | 70 | 67 | 63 | 52 | 23 | 13 | 2 | ... | 31 | 376 | |
| III. LOCAL DISEASES | 123 | 44 | 35 | 25 | 29 | 63 | 71 | 131 | 129 | 171 | 113 | 22 | 1 | 215 | 900 | |
| IV. ENVIRONMENTAL DISEASES | 115 | 21 | 2 | 1 | ... | 4 | 1 | ... | 4 | 15 | 44 | 25 | 1 | 128 | 223 | |
| V. VICARIOUS DEATHS | 14 | 1 | 3 | 4 | 8 | 7 | 3 | ... | 2 | 1 | 3 | ... | ... | 18 | 48 | |
| Not specified or ill defined | 5 | ... | ... | ... | ... | 2 | ... | ... | ... | 3 | ... | ... | ... | 5 | 10 | |
| Totals | 403 | 132 | 141 | 97 | 85 | 144 | 155 | 184 | 171 | 218 | 177 | 43 | 2 | 677 | 1,939 | |
| CLASS. | | | | | | | | | | | | | | | | |
| I. ZYMOGENIC DISEASES. | | | | | | | | | | | | | | | | |
| Order 1.—Miasmatic. | | | | | | | | | | | | | | | | |
| 1. Smallpox | ... | ... | ... | ... | 1 | ... | 1 | 1 | ... | ... | ... | ... | ... | 3 | ... | |
| 2. Measles | 10 | 12 | 5 | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 27 | 39 | |
| 3. Scarlet Fever (Scarlatina) | 6 | 6 | 24 | 30 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 36 | 67 | |
| 4. Erythema | ... | 2 | 12 | 11 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 14 | 20 | |
| 5. Quinsy | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 6. Croup | ... | 6 | 4 | 7 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | 17 | 19 | |
| 7. Whooping Cough (Typhus Fever) | 18 | 23 | 17 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 58 | 66 | |
| 8. Enteric or Typhoid F. (Simple continued F.) | ... | ... | 4 | 3 | 2 | 1 | 2 | 1 | 1 | 2 | ... | ... | ... | 4 | 14 | |
| 9. Erysipelas | ... | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 1 | ... | |
| 10. Puerperal Fever (Metritis) | ... | ... | ... | ... | 3 | 2 | ... | 1 | 1 | 1 | 1 | ... | ... | 2 | ... | |
| 11. Carbuncle | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 12. Infarction | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 1 | ... | ... | ... | ... | ... | |
| 13. Dysentery | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | |
| 14. Diarrhoea | 24 | 2 | 1 | ... | ... | 1 | 1 | ... | 1 | ... | 2 | ... | ... | 21 | 26 | |
| 15. Choleraic Diarrhoea | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | |
| 16. Ague | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 17. Eczematous Fever | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 18. Rheumatism | ... | ... | ... | ... | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | 1 | 1 | |
| 19. Other Zymotic Diseases | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 6 | |
| Order 2.—Etiologic. | | | | | | | | | | | | | | | | |
| 1. Syphilis | 17 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 17 | 18 | |
| 2. Stricture of Urethra | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 3. Hydrophobia | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 4. Glanders | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| Order 3.—Diets. | | | | | | | | | | | | | | | | |
| 1. Privation | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 2. Want of Breast Milk | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 | 5 | |
| 3. Purpura and Scoury | ... | 1 | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 4. Alcoholism (a Del. Tremens) (b Intemperance) | ... | ... | ... | ... | ... | 2 | 1 | ... | 1 | ... | 1 | ... | ... | ... | 3 | |
| Order 4.—Parasitic. | | | | | | | | | | | | | | | | |
| 1. Thrush | 2 | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | 3 | 4 | |
| 2. Worms, &c. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| II. CONSTITUTIONAL DISEASES. | | | | | | | | | | | | | | | | |
| Order 1.—Diathetic. | | | | | | | | | | | | | | | | |
| 1. Gout | ... | ... | ... | ... | 1 | ... | ... | 1 | 4 | 1 | ... | ... | ... | 6 | ... | |
| 2. Dropsy | ... | ... | ... | ... | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | |
| 3. Cancer | ... | ... | ... | ... | 4 | 5 | 13 | 16 | 12 | 11 | ... | ... | ... | 61 | ... | |
| 4. Cancer Ovis (Noma) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 5. Mortification | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | ... | 3 | ... | ... | ... | ... | |
| Order 2.—Tubercular. | | | | | | | | | | | | | | | | |
| 1. Scrophula | ... | 4 | 2 | 1 | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | 7 | 11 | |
| 2. Tubercularis | ... | 12 | 2 | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 16 | 16 | |
| 3. Phtisis | ... | 4 | 2 | ... | 5 | 36 | 66 | 42 | 29 | 14 | 4 | ... | ... | 102 | 106 | |
| 4. Hydrocephalus | ... | 21 | 20 | 21 | 8 | ... | ... | 1 | ... | ... | ... | ... | ... | 62 | 71 | |
| III. LOCAL DISEASES. | | | | | | | | | | | | | | | | |
| Order 1.—Nervous System. | | | | | | | | | | | | | | | | |
| 1. Cephalitis | ... | ... | ... | 1 | 1 | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | |
| 2. Apoplexy | ... | ... | ... | 1 | 2 | 5 | 7 | 14 | 19 | 14 | 1 | ... | ... | ... | 68 | |
| 3. Paralysis | ... | ... | ... | 1 | 2 | 1 | 4 | 8 | 11 | 13 | 5 | ... | ... | ... | 65 | |
| 4. Insanity | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 5. Chorea | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 6. Epilepsy | ... | ... | ... | 2 | 1 | 1 | 1 | ... | 1 | ... | ... | ... | ... | ... | ... | |
| 7. Convulsions | ... | 20 | 2 | 5 | 1 | 2 | 3 | 1 | 4 | 2 | 7 | 8 | ... | 40 | 42 | |
| 8. Brain Disease, &c. | ... | 1 | 1 | 2 | 3 | ... | ... | ... | ... | ... | ... | ... | ... | 4 | 29 | |
| Order 2.—Organs of Circulation. | | | | | | | | | | | | | | | | |
| 1. Pericarditis | ... | ... | ... | ... | ... | 2 | ... | ... | ... | 1 | ... | ... | ... | ... | 3 | |
| 2. Anasarca | ... | ... | ... | ... | 1 | ... | 2 | 4 | ... | ... | ... | ... | ... | ... | ... | |
| 3. Heart Disease, &c. | ... | ... | 1 | 2 | 4 | 10 | 16 | 26 | 30 | 30 | 14 | 4 | ... | 1 | 137 | |
| Order 3.—Respiratory Organs. | | | | | | | | | | | | | | | | |
| 1. Laryngitis | ... | 6 | 5 | 1 | 1 | ... | 1 | 2 | 3 | ... | ... | 1 | ... | 12 | 20 | |
| 2. Bronchitis | ... | 51 | 30 | 14 | 1 | 3 | 4 | 8 | 26 | 33 | 46 | 39 | 8 | 1 | 254 | |
| 3. Pleurisy | ... | ... | ... | ... | ... | ... | 1 | 2 | ... | ... | ... | ... | ... | ... | 64 | |
| 4. Pneumonia | ... | 24 | 11 | 8 | 4 | 4 | 11 | 15 | 11 | 12 | 14 | 9 | 2 | ... | 123 | |
| 5. Asthma | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | ... | ... | ... | ... | ... | 8 | |
| 6. Lung Disease, &c. | ... | 8 | ... | 2 | 1 | 1 | 1 | 9 | 6 | 5 | 2 | ... | ... | 10 | 30 | |
| Order 4.—Digestive Organs. | | | | | | | | | | | | | | | | |
| 1. Gastritis | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 2 | |
| 2. Enteritis | ... | 2 | ... | ... | 1 | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 6 | |
| 3. Peritonitis | ... | 2 | 1 | 2 | 3 | 4 | 1 | ... | 2 | 1 | ... | ... | ... | 2 | 15 | |
| 4. Ascites | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 5. Obstruction of Intestines | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 1 | 3 | ... | ... | ... | ... | |
| 6. Hæmorrhoids | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | 3 | ... | ... | ... | ... | |
| 7. Deut. | ... | 1 | ... | 1 | 1 | ... | ... | ... | ... | 1 | ... | ... | ... | 1 | 2 | |
| 8. Intussusception | ... | 1 | ... | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 3 | |
| 9. Stricture of Intestines | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 10. Fæcal | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 11. Stomach Disease, &c. | ... | 4 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 12. Puerperal Disease, &c. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 13. Hepatitis | ... | ... | ... | ... | ... | ... | ... | 1 | ... | 5 | ... | 1 | ... | ... | 7 | |
| 14. Jaundice | ... | 2 | ... | ... | ... | 1 | 4 | 5 | 2 | 4 | 2 | ... | ... | 2 | 4 | |
| 15. Liver Disease, &c. | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | |
| 16. Splenic Disease, &c. | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | |
| Order 5.—Urinary Organs. | | | | | | | | | | | | | | | | |
| 1. Nephritis | ... | ... | 1 | ... | 1 | 1 | 3 | 3 | 1 | ... | ... | ... | ... | 1 | 11 | |
| 2. Ischuria | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | |
| 3. Bright's Disease (Nephritis) | ... | ... | ... | ... | 1 | 4 | 2 | 9 | 1 | 8 | 3 | ... | ... | ... | 26 | |
| 4. Haematuria | ... | ... | 1 | ... | 2 | 1 | 1 | 2 | ... | ... | ... | ... | ... | ... | 7 | |
| 5. Catarrhes (Hæm.) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 6. Cystitis | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 4 | |
| 7. Kidney Disease, &c. | ... | ... | ... | ... | 1 | 3 | 2 | ... | 2 | 3 | 2 | ... | ... | ... | 15 | |
| Order 6.—Organs of Generation. | | | | | | | | | | | | | | | | |
| 1. Ovarian Dropsy | ... | ... | ... | ... | ... | ... | 2 | ... | 2 | ... | ... | ... | ... | ... | 4 | |
| 2. Uterine Disease, &c. | ... | ... | ... | ... | ... | 2 | 2 | 3 | 1 | 3 | ... | ... | ... | ... | 11 | |
| Order 7.—Organs of Locomotion. | | | | | | | | | | | | | | | | |
| 1. Synovitis (Arthritis) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 2. Joint Disease, &c. | ... | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 3 | |
| Order 8.—Independent System. | | | | | | | | | | | | | | | | |
| 1. Phlegmon | ... | 1 | ... | 1 | ... | 1 | 1 | 1 | ... | ... | ... | ... | ... | 2 | 5 | |
| 2. Ulcer | ... | ... | ... | ... | ... | ... | ... | 1 | 1 | ... | ... | ... | ... | ... | 2 | |
| 3. Skin Disease, &c. | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 2 | |
| IV. ENVIRONMENTAL DISEASES. | | | | | | | | | | | | | | | | |
| Order 1.—Diseases of Children. | | | | | | | | | | | | | | | | |
| 1. Premature Birth | ... | 22 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 22 | 33 | |
| 2. Craniocoele | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 3. Scrofula | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | |
| 4. Other Malformations | ... | 2 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 2 | 2 | |
| 5. Scurvy | ... | ... | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 18 | 19 | |
| Order 2.—Adults. | | | | | | | | | | | | | | | | |
| 1. Paraphimosis | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | ... | 1 | |
| 2. Childbirth (see Puerp. Fever) | ... | ... | ... | ... | ... | 3 | 1 | ... | ... | ... | ... | ... | ... | ... | 4 | |
| Order 3.—Old People. | | | | | | | | | | | | | | | | |
| 1. Old Age | ... | ... | ... | ... | ... | ... | ... | ... | 1 | 13 | 44 | 25 | 1 | ... | 84 | |
| Order 4.—Fetters. | | | | | | | | | | | | | | | | |
| 1. Atrophy and Debility | ... | 67 | 2 | 1 | 1 | ... | 1 | ... | ... | 2 | 2 | ... | ... | 70 | 76 | |
| V. VICARIOUS DEATHS. | | | | | | | | | | | | | | | | |
| Order 1.—Accident or Negligence. | | | | | | | | | | | | | | | | |
| 1. Fractures and Contusions | ... | 1 | ... | 1 | 4 | 3 | 1 | 1 | ... | ... | ... | ... | ... | 2 | 15 | |
| 2. Wounds (Gunshot) | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | |
| 3. Burns and Scalds | ... | 1 | 1 | 1 | 1 | ... | ... | ... | ... | ... | ... | ... | ... | ... | 5 | |
| 4. Poison | ... | ... | ... | ... | 1 | ... | ... | 1 | ... | ... | ... | ... | ... | ... | 3 | |
| 5. Drowning | ... | ... | ... | 1 | 2 | ... | 1 | 1 | 1 | ... | ... | ... | ... | ... | 6 | |
| 6. Suffocation | ... | 6 | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | ... | 6 | |
| 7. Others | ... | ... | ... | ... | ... | ... | ... | ... | ... | 1 | ... | ... | ... | ... | 1 | |
| Order 2.—Homicide | | | | | | | | | | | | | | | | |
| Order 3.—Suicide | | | | | | | | | | | | | | | | |
| Cases not specified or ill defined | | | | | | | | | | | | | | | | |



Deaths Registered from all causes during each quarter of the year 1879 in each sub-district of the Parish

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

| CAUSE OF DEATH. | | | Sub-District | | | Sub-District | | | Sub-District | | | Sub-District | | | Sub-District | | | Total Deaths | | | TOTAL |
|-----------------------------------|--|--|--------------|-------------|--------------------|--------------|-------------|--------------------|--------------|-------------|--------------------|--------------|-------------|--------------------|--------------|-------------|--------------------|--------------|--|--|-------|
| | | | St. Mary's. | St. John's. | Total 1st Quarter. | St. Mary's. | St. John's. | Total 2nd Quarter. | St. Mary's. | St. John's. | Total 3rd Quarter. | St. Mary's. | St. John's. | Total 4th Quarter. | St. Mary's. | St. John's. | Total 5th Quarter. | | | | |
| CLASSES. | | | | | | | | | | | | | | | | | | | | | |
| I. ZYMOIC DISEASES. | | | 53 | 24 | 77 | 78 | 16 | 94 | 47 | 13 | 60 | 41 | 36 | 77 | 133 | 89 | 222 | | | | |
| II. CONSTITUTIONAL DISEASES. | | | 96 | 22 | 118 | 70 | 25 | 95 | 56 | 18 | 74 | 74 | 23 | 97 | 198 | 88 | 286 | | | | |
| III. LOCAL DISEASES. | | | 214 | 102 | 316 | 175 | 78 | 253 | 97 | 36 | 133 | 187 | 90 | 277 | 654 | 306 | 960 | | | | |
| IV. DEVELOPMENTAL DISEASES. | | | 55 | 19 | 74 | 38 | 15 | 53 | 34 | 9 | 43 | 42 | 11 | 53 | 169 | 54 | 223 | | | | |
| V. VICIOUS DEATHS. | | | 6 | 4 | 10 | 7 | 4 | 11 | 8 | 5 | 13 | 10 | 4 | 14 | 31 | 17 | 48 | | | | |
| Not specified or ill-defined. | | | 2 | 1 | 3 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 5 | 3 | 2 | 10 | | | | |
| Totals. | | | 455 | 172 | 627 | 365 | 138 | 503 | 245 | 82 | 327 | 358 | 164 | 522 | 1083 | 556 | 1639 | | | | |
| CLASS. | | | | | | | | | | | | | | | | | | | | | |
| I. ZYMOIC DISEASES. | | | | | | | | | | | | | | | | | | | | | |
| Order 1.—Miasmatic. | | | | | | | | | | | | | | | | | | | | | |
| 1. Smallpox. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 1 | 3 | | | | |
| 2. Measles. | | | 9 | 2 | 11 | 6 | 11 | 6 | 7 | 5 | 12 | 22 | 7 | 29 | | | | | | | |
| 3. Scarlet Fever (Scarlatina). | | | 11 | 5 | 16 | 13 | 4 | 17 | 3 | 1 | 4 | 21 | 9 | 30 | 48 | 19 | 67 | | | | |
| 4. Diphtheria. | | | 5 | 1 | 6 | 12 | 1 | 13 | 5 | 2 | 7 | 1 | 8 | 24 | 3 | 27 | | | | | |
| 5. Quinsey. | | | 6 | 1 | 7 | 5 | 2 | 7 | 3 | 3 | 6 | 1 | 7 | 17 | 2 | 19 | | | | | |
| 6. Whooping Cough. | | | 15 | 6 | 21 | 15 | 3 | 18 | 4 | 2 | 6 | 7 | 9 | 16 | 41 | 20 | 61 | | | | |
| 7. Typhoid Fever. | | | 2 | 5 | 7 | 4 | 1 | 5 | 2 | 1 | 3 | 1 | 4 | 8 | 8 | 16 | | | | | |
| 8. Enteric or Typhoid F. | | | 2 | 5 | 7 | 4 | 1 | 5 | 2 | 1 | 3 | 1 | 4 | 8 | 8 | 16 | | | | | |
| 9. Simple continued F. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 10. Malignant Fever. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | 4 | 8 | | | | | |
| 11. Puerperal Fever (Metria). | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 12. Carbuncle. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 13. Erysipelas. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 14. Dysentery. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 15. Cholera. | | | 5 | 2 | 7 | 3 | 1 | 4 | 15 | 4 | 19 | 5 | 1 | 6 | 28 | 8 | 36 | | | | |
| 16. Cholerae Diarrhoea. | | | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | 1 | 3 | 4 | 4 | 8 | | | | | |
| 17. Ague. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 18. Rheumatism. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 19. Rheumatoid. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| 20. Other Zymotic Diseases. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 2 | 3 | 3 | 6 | | | | | |
| Order 2.—Exanth. | | | | | | | | | | | | | | | | | | | | | |
| 1. Syphilis. | | | 4 | 4 | 8 | 4 | 1 | 5 | 3 | 1 | 4 | 3 | 2 | 5 | 14 | 4 | 18 | | | | |
| 2. Scarcity of Urethra. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 3. Hydrophobia. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 4. Glanders. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| Order 3.—Diets. | | | | | | | | | | | | | | | | | | | | | |
| 1. Privation. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Want of Breast Milk. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 3. Purpura and Scurvy. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 4. Alcoholism (as Ind. Tremens). | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 5. Intemperance. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| Order 4.—Parasitic. | | | | | | | | | | | | | | | | | | | | | |
| 1. Thrush. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Worms, &c. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| II. | | | | | | | | | | | | | | | | | | | | | |
| CONSTITUTIONAL DISEASES. | | | | | | | | | | | | | | | | | | | | | |
| Order 1.—Diathetic. | | | | | | | | | | | | | | | | | | | | | |
| 1. Gout. | | | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | | | | |
| 2. Artergy. | | | 14 | 7 | 21 | 10 | 6 | 16 | 6 | 3 | 9 | 10 | 5 | 15 | 40 | 21 | 61 | | | | |
| 3. Cancer. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 4. Cancerum Oculi (Xoma). | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 5. Morification. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| Order 2.—Tubercular. | | | | | | | | | | | | | | | | | | | | | |
| 1. Scrophula. | | | 7 | 7 | 14 | 7 | 7 | 14 | 7 | 7 | 14 | 7 | 7 | 14 | 7 | 7 | 14 | | | | |
| 2. Tubercles Mucosarum. | | | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | | | | |
| 3. Asthma. | | | 12 | 12 | 24 | 12 | 12 | 24 | 12 | 12 | 24 | 12 | 12 | 24 | 12 | 12 | 24 | | | | |
| 4. Hydrocephalus. | | | 12 | 12 | 24 | 12 | 12 | 24 | 12 | 12 | 24 | 12 | 12 | 24 | 12 | 12 | 24 | | | | |
| III. | | | | | | | | | | | | | | | | | | | | | |
| LOCAL DISEASES. | | | | | | | | | | | | | | | | | | | | | |
| Order 1.—Nervous System. | | | | | | | | | | | | | | | | | | | | | |
| 1. Cephalitis. | | | 11 | 9 | 20 | 12 | 9 | 21 | 11 | 9 | 20 | 14 | 10 | 24 | 16 | 12 | 28 | | | | |
| 2. Apoplexy. | | | 10 | 2 | 12 | 10 | 2 | 12 | 9 | 3 | 12 | 6 | 3 | 9 | 35 | 10 | 45 | | | | |
| 3. Paralysis. | | | 10 | 2 | 12 | 10 | 2 | 12 | 9 | 3 | 12 | 6 | 3 | 9 | 35 | 10 | 45 | | | | |
| 4. Insensibility. | | | 10 | 2 | 12 | 10 | 2 | 12 | 9 | 3 | 12 | 6 | 3 | 9 | 35 | 10 | 45 | | | | |
| 5. Chorea. | | | 10 | 2 | 12 | 10 | 2 | 12 | 9 | 3 | 12 | 6 | 3 | 9 | 35 | 10 | 45 | | | | |
| 6. Epilepsy. | | | 10 | 2 | 12 | 10 | 2 | 12 | 9 | 3 | 12 | 6 | 3 | 9 | 35 | 10 | 45 | | | | |
| 7. Convulsions. | | | 10 | 2 | 12 | 10 | 2 | 12 | 9 | 3 | 12 | 6 | 3 | 9 | 35 | 10 | 45 | | | | |
| 8. Strain Diseases, &c. | | | 10 | 2 | 12 | 10 | 2 | 12 | 9 | 3 | 12 | 6 | 3 | 9 | 35 | 10 | 45 | | | | |
| Order 1.—Organs of Circulation. | | | | | | | | | | | | | | | | | | | | | |
| 1. Pericarditis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Arteritis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 3. Strain Diseases, &c. | | | 30 | 13 | 43 | 24 | 16 | 40 | 15 | 8 | 23 | 16 | 15 | 31 | 85 | 52 | 137 | | | | |
| Order 2.—Respiratory Organs. | | | | | | | | | | | | | | | | | | | | | |
| 1. Laryngitis. | | | 5 | 2 | 7 | 5 | 2 | 7 | 1 | 2 | 3 | 2 | 2 | 4 | 11 | 9 | 20 | | | | |
| 2. Bronchitis. | | | 79 | 21 | 100 | 49 | 11 | 60 | 17 | 3 | 20 | 50 | 23 | 73 | 195 | 58 | 253 | | | | |
| 3. Pleurisy. | | | 10 | 1 | 11 | 1 | 1 | 2 | 2 | 1 | 3 | 3 | 1 | 4 | 6 | 3 | 9 | | | | |
| 4. Pneumonia. | | | 20 | 18 | 38 | 26 | 10 | 36 | 7 | 3 | 10 | 15 | 14 | 29 | 78 | 45 | 123 | | | | |
| 5. Asthma. | | | 11 | 4 | 15 | 2 | 2 | 4 | 2 | 1 | 3 | 12 | 3 | 15 | 27 | 11 | 38 | | | | |
| 6. Lung Diseases, &c. | | | 11 | 4 | 15 | 2 | 2 | 4 | 2 | 1 | 3 | 12 | 3 | 15 | 27 | 11 | 38 | | | | |
| Order 3.—Digestive Organs. | | | | | | | | | | | | | | | | | | | | | |
| 1. Gastritis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Enteritis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 3. Peritonitis. | | | 4 | 1 | 5 | 2 | 2 | 4 | 4 | 2 | 6 | 3 | 3 | 6 | 10 | 5 | 15 | | | | |
| 4. Ascites. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 5. Obstruction of Intestines. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 6. Hernia. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 7. Strain. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 8. Intussusception. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 9. Stricture of Intestines. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 10. Fungus. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 11. Strain Diseases, &c. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 12. Pancreas Diseases, &c. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 13. Hepatitis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 14. Jaundice. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 15. Liver Diseases, &c. | | | 2 | 2 | 4 | 1 | 3 | 4 | 4 | 4 | 8 | 9 | 10 | 19 | 11 | 30 | | | | | |
| 16. Spleen Diseases, &c. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| Order 4.—Urinary Organs. | | | | | | | | | | | | | | | | | | | | | |
| 1. Nephritis. | | | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | 4 | 4 | 8 | | | | |
| 2. Ischuria. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | | | | |
| 3. Bright's Disease (Nephritis). | | | 7 | 3 | 10 | 4 | 3 | 7 | 2 | 1 | 3 | 3 | 4 | 7 | 17 | 11 | 28 | | | | |
| 4. Diabetes. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 5. Calculus (Stone). | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 6. Cystitis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 7. Kidney Diseases, &c. | | | 2 | 4 | 6 | 1 | 4 | 5 | 2 | 2 | 4 | 3 | 5 | 8 | 10 | 15 | | | | | |
| Order 5.—Organs of Generation. | | | | | | | | | | | | | | | | | | | | | |
| 1. Ovarian Dropsy. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Ovarian Diseases, &c. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| Order 6.—Organs of Locomotion. | | | | | | | | | | | | | | | | | | | | | |
| 1. Synovitis (Arthritis). | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Joint Diseases, &c. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| Order 7.—Independent System. | | | | | | | | | | | | | | | | | | | | | |
| 1. Phlegmon. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Ulcer. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 3. Skin Diseases, &c. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| IV. | | | | | | | | | | | | | | | | | | | | | |
| DEVELOPMENTAL DISEASES. | | | | | | | | | | | | | | | | | | | | | |
| Order 1.—Diseases of Children. | | | | | | | | | | | | | | | | | | | | | |
| 1. Premature Birth. | | | 7 | 2 | 9 | 4 | 2 | 6 | 1 | 7 | 7 | 1 | 8 | 24 | 8 | 32 | | | | | |
| 2. Cynosis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 3. Spina Bifida. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 4. Other Malformations. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 5. Tetanizing. | | | 6 | 3 | 9 | 3 | 3 | 6 | 2 | 1 | 3 | 3 | 3 | 9 | 14 | 4 | 18 | | | | |
| Order 2.—Adults. | | | | | | | | | | | | | | | | | | | | | |
| 1. Puerperitis. | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| 2. Childbirth (see Puerp. Fever). | | | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 1 | 1 | 2 | 2 | 2 | 4 | | | | |
| Order 3.—Old People. | | | | | | | | | | | | | | | | | | | | | |
| 1. Old Age. | | | 22 | 9 | 31 | 30 | 10 | 40 | 11 | 4 | 15 | 11 | 7 | 18 | 54 | 30 | 84 | | | | |
| Order 4.—Senility. | | | | | | | | | | | | | | | | | | | | | |
| 1. Atrophy and Debility. | | | 17 | 3 | 20 | 19 | 3 | 22 | 3 | 15 | 18 | 2 | 21 | 67 | 9 | 76 | | | | | |
| V. | | | | | | | | | | | | | | | | | | | | | |
| VICIOUS DEATHS. | | | | | | | | | | | | | | | | | | | | | |
| Order 1.—Accident or Negligence. | | | | | | | | | | | | | | | | | | | | | |
| 1. Fractures and | | | | | | | | | | | | | | | | | | | | | |

TABLE 1.—The Deaths in Leprosy Institutions of Non-Residents Who Died.

NOTE.—The Deaths in Leprosy Institutions of Non-Residents Who Died.

| Cause of Death | 1917 | | 1918 | | 1919 | | 1920 | | 1921 | | 1922 | | 1923 | | 1924 | | 1925 | | 1926 | | 1927 | | 1928 | | 1929 | | 1930 | | 1931 | | 1932 | | 1933 | | 1934 | | 1935 | | 1936 | | 1937 | | 1938 | | 1939 | | 1940 | | 1941 | | 1942 | | 1943 | | 1944 | | 1945 | | 1946 | | 1947 | | 1948 | | 1949 | | 1950 | | 1951 | | 1952 | | 1953 | | 1954 | | 1955 | | 1956 | | 1957 | | 1958 | | 1959 | | 1960 | | 1961 | | 1962 | | 1963 | | 1964 | | 1965 | | 1966 | | 1967 | | 1968 | | 1969 | | 1970 | | 1971 | | 1972 | | 1973 | | 1974 | | 1975 | | 1976 | | 1977 | | 1978 | | 1979 | | 1980 | | 1981 | | 1982 | | 1983 | | 1984 | | 1985 | | 1986 | | 1987 | | 1988 | | 1989 | | 1990 | | 1991 | | 1992 | | 1993 | | 1994 | | 1995 | | 1996 | | 1997 | | 1998 | | 1999 | | 2000 | | 2001 | | 2002 | | 2003 | | 2004 | | 2005 | | 2006 | | 2007 | | 2008 | | 2009 | | 2010 | | 2011 | | 2012 | | 2013 | | 2014 | | 2015 | | 2016 | | 2017 | | 2018 | | 2019 | | 2020 | | 2021 | | 2022 | | 2023 | | 2024 | | 2025 | | 2026 | | 2027 | | 2028 | | 2029 | | 2030 | | 2031 | | 2032 | | 2033 | | 2034 | | 2035 | | 2036 | | 2037 | | 2038 | | 2039 | | 2040 | | 2041 | | 2042 | | 2043 | | 2044 | | 2045 | | 2046 | | 2047 | | 2048 | | 2049 | | 2050 | | 2051 | | 2052 | | 2053 | | 2054 | | 2055 | | 2056 | | 2057 | | 2058 | | 2059 | | 2060 | | 2061 | | 2062 | | 2063 | | 2064 | | 2065 | | 2066 | | 2067 | | 2068 | | 2069 | | 2070 | | 2071 | | 2072 | | 2073 | | 2074 | | 2075 | | 2076 | | 2077 | | 2078 | | 2079 | | 2080 | | 2081 | | 2082 | | 2083 | | 2084 | | 2085 | | 2086 | | 2087 | | 2088 | | 2089 | | 2090 | | 2091 | | 2092 | | 2093 | | 2094 | | 2095 | | 2096 | | 2097 | | 2098 | | 2099 | | 2100 | | 2101 | | 2102 | | 2103 | | 2104 | | 2105 | | 2106 | | 2107 | | 2108 | | 2109 | | 2110 | | 2111 | | 2112 | | 2113 | | 2114 | | 2115 | | 2116 | | 2117 | | 2118 | | 2119 | | 2120 | | 2121 | | 2122 | | 2123 | | 2124 | | 2125 | | 2126 | | 2127 | | 2128 | | 2129 | | 2130 | | 2131 | | 2132 | | 2133 | | 2134 | | 2135 | | 2136 | | 2137 | | 2138 | | 2139 | | 2140 | | 2141 | | 2142 | | 2143 | | 2144 | | 2145 | | 2146 | | 2147 | | 2148 | | 2149 | | 2150 | | 2151 | | 2152 | | 2153 | | 2154 | | 2155 | | 2156 | | 2157 | | 2158 | | 2159 | | 2160 | | 2161 | | 2162 | | 2163 | | 2164 | | 2165 | | 2166 | | 2167 | | 2168 | | 2169 | | 2170 | | 2171 | | 2172 | | 2173 | | 2174 | | 2175 | | 2176 | | 2177 | | 2178 | | 2179 | | 2180 | | 2181 | | 2182 | | 2183 | | 2184 | | 2185 | | 2186 | | 2187 | | 2188 | | 2189 | | 2190 | | 2191 | | 2192 | | 2193 | | 2194 | | 2195 | | 2196 | | 2197 | | 2198 | | 2199 | | 2200 | | 2201 | | 2202 | | 2203 | | 2204 | | 2205 | | 2206 | | 2207 | | 2208 | | 2209 | | 2210 | | 2211 | | 2212 | | 2213 | | 2214 | | 2215 | | 2216 | | 2217 | | 2218 | | 2219 | | 2220 | | 2221 | | 2222 | | 2223 | | 2224 | | 2225 | | 2226 | | 2227 | | 2228 | | 2229 | | 2230 | | 2231 | | 2232 | | 2233 | | 2234 | | 2235 | | 2236 | | 2237 | | 2238 | | 2239 | | 2240 | | 2241 | | 2242 | | 2243 | | 2244 | | 2245 | | 2246 | | 2247 | | 2248 | | 2249 | | 2250 | | 2251 | | 2252 | | 2253 | | 2254 | | 2255 | | 2256 | | 2257 | | 2258 | | 2259 | | 2260 | | 2261 | | 2262 | | 2263 | | 2264 | | 2265 | | 2266 | | 2267 | | 2268 | | 2269 | | 2270 | | 2271 | | 2272 | | 2273 | | 2274 | | 2275 | | 2276 | | 2277 | | 2278 | | 2279 | | 2280 | | 2281 | | 2282 | | 2283 | | 2284 | | 2285 | | 2286 | | 2287 | | 2288 | | 2289 | | 2290 | | 2291 | | 2292 | | 2293 | | 2294 | | 2295 | | 2296 | | 2297 | | 2298 | | 2299 | | 2300 | | 2301 | | 2302 | | 2303 | | 2304 | | 2305 | | 2306 | | 2307 | | 2308 | | 2309 | | 2310 | | 2311 | | 2312 | | 2313 | | 2314 | | 2315 | | 2316 | | 2317 | | 2318 | | 2319 | | 2320 | | 2321 | | 2322 | | 2323 | | 2324 | | 2325 | | 2326 | | 2327 | | 2328 | | 2329 | | 2330 | | 2331 | | 2332 | | 2333 | | 2334 | | 2335 | | 2336 | | 2337 | | 2338 | | 2339 | | 2340 | | 2341 | | 2342 | | 2343 | | 2344 | | 2345 | | 2346 | | 2347 | | 2348 | | 2349 | | 2350 | | 2351 | | 2352 | | 2353 | | 2354 | | 2355 | | 2356 | | 2357 | | 2358 | | 2359 | | 2360 | | 2361 | | 2362 | | 2363 | | 2364 | | 2365 | | 2366 | | 2367 | | 2368 | | 2369 | | 2370 | | 2371 | | 2372 | | 2373 | | 2374 | | 2375 | | 2376 | | 2377 | | 2378 | | 2379 | | 2380 | | 2381 | | 2382 | | 2383 | | 2384 | | 2385 | | 2386 | | 2387 | | 2388 | | 2389 | | 2390 | | 2391 | | 2392 | | 2393 | | 2394 | | 2395 | | 2396 | | 2397 | | 2398 | | 2399 | | 2400 | | 2401 | | 2402 | | 2403 | | 2404 | | 2405 | | 2406 | | 2407 | | 2408 | | 2409 | | 2410 | | 2411 | | 2412 | | 2413 | | 2414 | | 2415 | | 2416 | | 2417 | | 2418 | | 2419 | | 2420 | | 2421 | | 2422 | | 2423 | | 2424 | | 2425 | | 2426 | | 2427 | | 2428 | | 2429 | | 2430 | | 2431 | | 2432 | | 2433 | | 2434 | | 2435 | | 2436 | | 2437 | | 2438 | | 2439 | | 2440 | | 2441 | | 2442 | | 2443 | | 2444 | | 2445 | | 2446 | | 2447 | | 2448 | | 2449 | | 2450 | | 2451 | | 2452 | | 2453 | | 2454 | | 2455 | | 2456 | | 2457 | | 2458 | | 2459 | | 2460 | | 2461 | | 2462 | | 2463 | | 2464 | | 2465 | | 2466 | | 2467 | | 2468 | | 2469 | | 2470 | | 2471 | | 2472 | | 2473 | | 2474 | | 2475 | | 2476 | | 2477 | | 2478 | | 2479 | | 2480 | | 2481 | | 2482 | | 2483 | | 2484 | | 2485 | | 2486 | | 2487 | | 2488 | | 2489 | | 2490 | | 2491 | | 2492 | | 2493 | | 2494 | | 2495 | | 2496 | | 2497 | | 2498 | | 2499 | | 2500 | | 2501 | | 2502 | | 2503 | | 2504 | | 2505 | | 2506 | | 2507 | | 2508 | | 2509 | | 2510 | | 2511 | | 2512 | | 2513 | | 2514 | | 2515 | | 2516 | | 2517 | | 2518 | | 2519 | | 2520 | | 2521 | | 2522 | | 2523 | | 2524 | | 2525 | | 2526 | | 2527 | | 2528 | | 2529 | | 2530 | | 2531 | | 2532 | | 2533 | | 2534 | | 2535 | | 2536 | | 2537 | | 2538 | | 2539 | | 2540 | | 2541 | | 2542 | | 2543 | | 2544 | | 2545 | | 2546 | | 2547 | | 2548 | | 2549 | | 2550 | | 2551 | | 2552 | | 2553 | | 2554 | | 2555 | | 2556 | | 2557 | | 2558 | | 2559 | | 2560 | | 2561 | | 2562 | | 2563 | | 2564 | | 2565 | | 2566 | | 2567 | | 2568 | | 2569 | | 2570 | | 2571 | | 2572 | | 2573 | | 2574 | | 2575 | | 2576 | | 2577 | | 2578 | | 2579 | | 2580 | | 2581 | | 2582 | | 2583 | | 2584 | | 2585 | | 2586 | | 2587 | | 2588 | | 2589 | | 2590 | | 2591 | | 2592 | | 2593 | | 2594 | | 2595 | | 2596 | | 2597 | | 2598 | | 2599 | | 2600 | | 2601 | | 2602 | | 2603 | | 2604 | | 2605 | | 2606 | | 2607 | | 2608 | | 2609 | | 2610 | | 2611 | | 2612 | | 2613 | | 2614 | | 2615 | | 2616 | | 2617 | | 2618 | | 2619 | | 2620 | | 2621 | | 2622 | | 2623 | | 2624 | | 2625 | | 2626 | | 2627 | | 2628 | | 2629 | | 2630 | | 2631 | | 2632 | | 2633 | | 2634 | | 2635 | | 2636 | | 2637 | | 2638 | | 2639 | | 2640 | | 2641 | | 2642 | | 2643 | | 2644 | | 2645 | | 2646 | | 2647 | | 2648 | | 2649 | | 2650 | | 2651 | | 2652 | | 2653 | | 2654 | | 2655 | | 2656 | | 2657 | | 2658 | | 2659 | | 2660 | | 2661 | | 2662 | | 2663 | | 2664 | | 2665 | | 2666 | | 2667 | | 2668 | | 2669 | | 2670 | | 2671 | | 2672 | | 2673 | | 2674 | | 2675 | | 2676 | | 2677 | | 2678 | | 2679 | | 2680 | | 2681 | | 2682 | | 2683 | | 2684 | | 2685 | | 2686 | | 2687 | | 2688 | | 2689 | | 2690 | | 2691 | | 2692 | | 2693 | | 2694 | | 2695 | | 2696 | | 2697 | | 2698 | | 2699 | | 2700 | | 2701 | | 2702 | | 2703 | | 2704 | | 2705 | | 2706 | | 2707 | | 2708 | | 2709 | | 2710 | | 2711 | | 2712 | | 2713 | | 2714 | | 2715 | | 2716 | | 2717 | | 2718 | | 2719 | | 2720 | | 2721 | | 2722 | | 2723 | | 2724 | | 2725 | | 2726 | | 2727 | | 2728 | | 2729 | | 2730 | | 2731 | | 2732 | | 2733 | | 2734 | | 2735 | | 2736 | | 2737 | | 2738 | | 2739 | | 2740 | | 2741 | | 2742 | | 2743 | | 2744 | | 2745 | | 2746 | | 2747 | | 2748 | | 2749 | | 2750 | | 2751 | | 2752 | | 2753 | | 2754 | | 2755 | | 2756 | | 2757 | | 2758 | | 2759 | | 2760 | | 2761 | | 2762 | | 2763 | | 2764 | | 2765 | | 2766 | | 2767 | | 2768 | | 2769 | | 2770 | | 2771 | | 2772 | | 2773 | | 2774 | | 2775 | | 2776 | | 2777 | | 2778 | | 2779 | | 2780 | | 2781 | | 2782 | | 2783 | | 2784 | | 2785 | | 2786 | | 2787 | | 2788 | | 2789 | | 2790 | | 2791 | | 2792 | | 2793 | | 2794 | | 2795 | | 2796 | | 2797 | | 2798 | | 2799 | | 2800 | | 2801 | | 2802 | | 2803 | | 2804 | | 2805 | | 2806 | | 2807 | | 2808 | | 2809 | | 2810 | | 2811 | | 2812 | | 2813 | | 2814 | | 2815 | | 2816 | | 2817 | | 2818 | | 2819 | | 2820 | | 2821 | | 2822 | | 2823 | | 2824 | | 2825 | | 2826 | | 2827 | | 2828 | | 2829 | | 2830 | | 2831 | | 2832 | | 2833 | | 2834 | | 2835 | | 2836 | | 2837 | | 2838 | | 2839 | | 2840 | | 2841 | | 2842 | | 2843 | | 2844 | | 2845 | | 2846 | | 2847 | | 2848 | | 2849 | | 2850 | | 2851 | | 2852 | | 2853 | | 2854 | | 2855 | | 2856 | | 2857 | | 2858 | | 2859 | | 2860 | | 2861 | | 2862 | | 2863 | | 2864 | | 2865 | | 2866 | | 2867 | | 2868 | | 2869 | | 2870 | | 2871 | | 2872 | | 2873 | | 2874 | | 2875 | | 2876 | | 2877 | | 2878 | | 2879 | | 2880 | | 2881 | | 2882 | | 2883 | | 2884 | | 2885 | | 2886 | | 2887 | | 2888 | | 2889 | | 2890 | | 2891 | | 2892 | | 2893 | | 2894 | | 2895 | | 2896 | | 2897 | | 2898 | | 2899 | | 2900 | | 2901 | | 2902 | | 2903 | | 2904 | | 2905 | | 2906 | | 2907 | | 2908 | | 2909 | | 2910 | | 2911 | | 2912 | | 2913 | | 2914 | | 2915 | | 2916 | | 2917 | | 2918 | | 2919 | | 2920 | | 2921 | | 2922 | | 2923 | | 2924 | | 2925 | | 2926 | | 2927 | | 2928 | | 2929 | | 2930 | | 2931 | | 2932 | | 2933 | | 2934 | | 2935 | | 2936 | | 2937 | | 2938 | | 2939 | | 2940 | | 2941 | | 2942 | | 2943 | | 2944 | | 2945 | | 2946 | | 2947 | |
|----------------|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|------|--|--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TABLE V.

TABLE showing the Number of Deaths from the seven principal Zymotic Diseases, in the ten years 1869 to 1878, and in the year 1879.

| Disease. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. | 1878. | Annual Average of 10 years, 1869-1878. | Proportion of Deaths to 1,000 Deaths in 10 years, 1869-1878. | 1879. | Proportion of Deaths to 1,000 Deaths in 1879. |
|-------------------|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--|---|----------------|---|
| Smallpox | | | | | | | 2 | 2 | 15 | 3 | | | 3 | 1.5 |
| Measles... .. | | | | | | | 11 | 91 | 39 | 27 | | | 29 | 15.0 |
| Scarlet Fever ... | | | | | | | 108 | 35 | 32 | 42 | | | 67 | 34.6 |
| Diphtheria | | | | | | | 9 | 9 | 11 | 16 | | | 26 | 13.4 |
| Whooping Cough | | | | | | | 63 | 60 | 69 | 74 | | | 61 | 31.5 |
| Fever | | | | | | | 22 | 19 | 11 | 26 | | | 19* | 9.8 |
| Diarrhoea | | | | | | | 68 | 70 | 50 | 52 | | | 38 | 19.6 |
| TOTAL | | | | | | | 283 | 286 | 227 | 240 | | | 243 | 125.3 |
| LONDON... .. | 17,476 | 16,489 | 19,454 | 12,722 | 11,226 | 11,327 | 13,411 | 12,565 | 12,292 | 14,734 | 14,169 | 181.4 | 12,256 | 143.3 |
| ENGLAND & WALES | 91,379 | 100,527 | 103,801 | 91,743 | 70,402 | 88,200 | 82,333 | 75,506 | 66,558 | 84,624 | 85,507 | 166.6 | Not published. | |

* Enteric (Typhoid), 16; Simple continued Fever, 3.

TABLE VI.

Inspectors' Report of the Sanitary Work, &c., completed in the Year ending March, 1880.

| Paddington. | | Results of Inspection. | | House Drains. | Privies and Water Closets. | Dust Bins. | Water Supply. | Miscellaneous. | | Regularly Inspected. | | | | | | | | | | | | |
|---|--|---|--|---|----------------------------|------------------------|-------------------------|----------------------|---------------|----------------------|------------------------|-------------------------|---|---|--|--|-------------------------------------|-------------|---------------------|---------------------------|---|---|
| No. of Complaints received during year. | No. of Houses, Premises, &c., inspected. | Orders issued for Sanitary Amendments of Houses and Premises. | Houses and Premises, &c., Cleansed, Repaired, and Whitewashed. | Houses Disinfected after Infectious Diseases. | Repaired, Cleansed, &c. | Trapped or Ventilated. | Repaired, Cleansed, &c. | Supplied with Water. | New provided. | New provided. | Repaired, Covered, &c. | Cisterns (new) erected. | Cisterns Cleansed, Repaired, and Covered. | No. of Lodging Houses registered under 35th Clause of Sanitary Act, 1866. | No. of Dust Complaints received and attended to. | Removal of accumulation of Dung, Stagnant Water, Animal, and other Refuse. | Removal of Animals improperly kept. | Bakehouses. | Licensed Cowhouses. | Licensed Slaughterhouses. | Other Proceedings, <i>e.g.</i> Legal Proceedings. | |
| Total | 793 | 12,951 | 503 | 512 | 126 | 235 | 130 | 138 | 138 | — | 22 | 63 | 1 | 51 | — | — | 32 | 2 | 83 | 13 | 23 | 3 |

TABLE VII.

Return respecting the Vaccination of Children whose Births were registered during the year 1879.

| | Registration Sub-Districts comprised in the Vaccination Officer's District. | Number of Births returned in the Birth-List Sheets, as Registered from 1st January, to 31st December, 1879. | Successfully Vaccinated. | Insusceptible of Vaccination. | Had Smallpox. | Dead—Unvaccinated. | 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's | 2,847 | 2,374 | 13 | ... | 202 | 39 | 18 | 199 | 2 who were fined 20s. and costs. 2 |
| 2 | St. John's | | | | | | | | | |

TABLE A.

Number of occasions when moving organisms were found in the Water supplied by the undermentioned Companies :—

| | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. | 1878. | 1879. |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Kent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Middlesex | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| New River | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| East London ... | 4 | 3 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| Chelsea..... | 3 | 2 | 2 | 3 | 2 | 5 | 4 | 4 | 1 | 0 | 2 |
| Grand Junction | 4 | 1 | 1 | 2 | 3 | 5 | 7 | 3 | 3 | 3 | 1 |
| Lambeth | 5 | 0 | 4 | 6 | 3 | 4 | 5 | 4 | 1 | 1 | 0 |
| Southwark | 8 | 1 | 4 | 1 | 2 | 5 | 5 | 7 | 5 | 3 | 0 |
| Colne Valley ... | — | — | — | — | — | — | — | — | 0 | 0 | 0 |
| Tottenham | — | — | — | — | — | — | — | — | 0 | 0 | 0 |

The sediment deposited by turbid water on standing, when examined by the microscope, is almost always found to contain numbers of living and moving organisms.

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 |
| 1877 | 907 | 596 |
| 1878 | 1,056 | 747 |
| 1879 | 1,175 | 954 |

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 1879.

| Names of Companies and Sources. | 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... | 10 | 2 | 0 | 0 | 8.2 | 1.6 | 5.0 |
| Grand Junction... | 9 | 3 | 0 | 0 | 7.8 | 2.7 | 5.0 |
| Lambeth | 11 | 1 | 0 | 0 | 7.7 | 2.6 | 4.3 |
| Chelsea | 9 | 2 | 1 | 0 | 5.8 | 2.7 | 4.4 |
| Southwark | 11 | 1 | 0 | 0 | 8.6 | 2.8 | 5.2 |
| <i>Lea.</i> | | | | | | | |
| New River | 10 | 2 | 0 | 0 | 4.5 | 2.6 | 3.5 |
| East London | 10 | 2 | 0 | 0 | 6.2 | 2.2 | 4.3 |
| <i>Deep Wells.</i> | | | | | | | |
| Kent | 12 | 0 | 0 | 0 | 1.8 | 1.4 | 1.6 |
| Colne Valley | 12 | 0 | 0 | 0 | 1.6 | 1.2 | 1.4 |
| Tottenham | 11 | 1 | 0 | 0 | 2.5 | 1.1 | 1.7 |

* The average yearly amount of organic elements (organic carbon and organic nitrogen) found in the water supplied by the Kent Company, during the nine years ending 1876, is, for purposes of comparison, taken as the unit.

Paddington.

SIXTH ANNUAL REPORT

OF THE

INSPECTOR OF PUBLIC LIGHTING

UPON THE SUBJECT OF THE

AVERAGE METER SYSTEM.

Washington

SIXTH ANNUAL REPORT

OF THE

INSPECTOR OF PUBLIC LIGHTING

FROM THE REPORT OF THE

AVERAGE METER SYSTEM

TO THE
VESTRY OF THE PARISH OF PADDINGTON.

PUBLIC LIGHTING DEPARTMENT,
June 18th, 1880.

GENTLEMEN,

I have to submit the Sixth Annual Report ending Lady-day, 1880, as to the working of this department.

Satisfactory results are still obtained from the Meter System.

Since September last the whole of the repairs and glazing of the lanterns (formerly executed by contract) have been done by men in the employ of the Vestry; during that period, viz., six months, three lamp-posts have been knocked down, twelve columns broken, ten head-irons, and ten lanterns damaged. In nine cases the parties causing such damage have been discovered and the expenses paid by them.

The lamp services throughout the Parish are now in a most efficient state. The number of notices sent to the Gas Company during the year for the rectification of stoppages being 124.

The accompanying tables will show the reported number of defects in the Metered and Scale Lamps during the twelve months.

I am, Gentlemen,

Your obedient Servant,
GEORGE WESTON,

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

METERED LAMPS.

| Quarter ending. | Knocked down and out of Lighting. | Escapes 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 Night. | | | | | | | | | | |
| | | | | | | Water. | | Naphthaline | | Stoppages in Co.'s Services. | | | | | | |
| | | | Water. | Naphthaline. | Stoppages in Co.'s Services. | Lights. | | Lights. | | Lights. | | | | | | |
| | | | | | | Out. | Bad. | Out. | Bad. | Out. | Bad. | Out. | | | | Bad. |
| 1879. | | | | | | | | | | | | | | | | |
| June | 1 | 4 | ... | ... | ... | 2 | ... | ... | ... | ... | ... | 2 | ... | 1 | | |
| September | ... | ... | ... | ... | ... | 2 | 1 | ... | 2 | ... | ... | ... | ... | ... | | |
| December | ... | 4 | ... | ... | 5 | 3 | 2 | ... | ... | 18 | 39 | 1 | ... | 2 | | |
| 1880. | | | | | | | | | | | | | | | | |
| March | 1 | 8 | ... | ... | 3 | 2 | ... | ... | 1 | 12 | 16 | 1 | ... | 2 | | |
| Total for the Year... | 2 | 16 | ... | ... | 8 | 9 | 3 | ... | 3 | 30 | 55 | 4 | ... | 5 | | |

SCALE LAMPS.

| | | | | | | | | | | | | | | | |
|-----------------------|----|----|-----|-----|-----|-----|----|-----|-----|-----|-----|-----|-----|-----|--|
| 1879. | | | | | | | | | | | | | | | |
| June | 7 | 6 | ... | ... | ... | 30 | 18 | 5 | 8 | ... | 6 | 31 | ... | 76 | |
| September | 10 | 2 | ... | ... | 2 | 20 | 1 | 3 | 30 | 2 | 3 | 60 | ... | 158 | |
| December | 8 | 25 | 1 | ... | 50 | 31 | 10 | 13 | 27 | 193 | 178 | 100 | ... | 86 | |
| 1880. | | | | | | | | | | | | | | | |
| March | 6 | 18 | ... | ... | 9 | 25 | 17 | ... | 35 | 115 | 54 | 49 | ... | 192 | |
| Total for the Year... | 31 | 51 | 1 | ... | 61 | 106 | 46 | 21 | 100 | 310 | 241 | 240 | ... | 512 | |

Paddington.

ANNUAL REPORT

OF THE

SUPERINTENDENT

OF

WORKS DEPARTMENT.

Washington

ANNUAL REPORT

of the

SUPERINTENDENT

of

WORKS DEPARTMENT

TO THE
VESTRY OF THE PARISH OF PADDINGTON.

WORKS DEPARTMENT,
18th June, 1880.

GENTLEMEN,

I beg to submit the annual report relative to this department, comprising Dusting, Slopping, Watering, and Carting Materials.

It is now four years since the Vestry commenced to do its own dusting, and during the last two years the additional works of slopping, watering, and carting have also been carried out by the Parish, the results demonstrating in a very marked manner that under existing arrangements far greater efficiency has been attained than was the case when the several works were performed by contractors.

Dusting.—Owing to the continuous wet weather last year the brickmakers were unable to manufacture their usual quantity of bricks, consequently a very large supply of ashes and breeze remained on their hands and available for this season's make,

therefore the demand during the past winter months has been rather limited, causing a large accumulation to be deposited on the land at Alperton. Had the Vestry been unable to avail themselves of this outlet it is highly probable they would have been compelled to pay for the removal of the material.

During the year 3441 horses have been engaged in this work, being an average of 11.50 per day, the number of loads collected 17,245, being an average of 57.67 loads per working day, or 5.11 loads per horse, per day.

From the before mentioned quantity 1089 loads of hard core has been picked out and carted away. 13,791½ chaldrons of ashes and 8,979½ chaldrons of breeze have been abstracted and sent away in 705 boats and 3,795 carts.

The maximum price being 5s. and the minimum 2s. per chaldron.

The quantity of soft core separated from the rough dust has been 1,583¾ tons. This has been removed away into the country by 66 boats. The expenses attending the disposal of this very offensive material will undoubtedly increase year by year, owing to the great difficulty farmers experience in letting it remain on their land, and it is worth taking into serious consideration whether it would not be more

advantageous to construct suitable furnaces for burning this refuse together with other combustible materials, as is now done in several large towns in England, and on the Continent.

The outlay to erect furnaces would soon be repaid. It is now incurring an expenditure of 2s. 4d. per ton, or something like £190 per annum before the Vestry are free from this obnoxious material, and it must be borne in mind that the present contract to receive it, is made, subject to the contractor having his tender for the supply of gravel accepted.

Considerable difficulty was experienced in the winter months owing to the severe frost entirely blocking the canal for twenty-four days. This necessitated the ashes, breeze, and slop being deposited on the wharves, thereby increasing the expense of labour.

Slopping.—During the year 26,971 loads of road scrapings, slop, and water have been taken from the roads, the maximum number collected in one week being 1,538, and the minimum 219. The average per day has been 87·85 loads.

During the same period off the Uxbridge Road has been collected 3,288 loads, or an average of 62 loads per week; off Westbourne Grove 309 loads, or an average of 5·83 loads per week.

The before-mentioned work has been executed by 5,620 horses and carts, being an average of 18·3 per day, or 4·79 loads per horse per day.

The large quantity of $22,815\frac{3}{4}$ tons have been sent away by canal in $566\frac{1}{2}$ boats, and the remaining $4,155\frac{1}{4}$ loads have been shot elsewhere.

The average cost, collecting, loading boats, haulage, tonnage, and all expenses, with the exception of sweeping, amounted to 5s. 2·8d. per load.

Watering.—Owing to the past wet season, the water-vans were only out 108 days. This will give an average of 22·22 per day.

Carting Materials, &c.—The total number of horses and carts, &c., engaged in this class of work during the year has been 2,785, or a daily average of 9·6, this being an increase on former years.

Horses.—The horses, 55 in number, are all in good health and condition, the actual losses during the year being two only, viz. :—

1. An old grey gelding from rupture of the liver. The whole structure of that organ was in a highly advanced stage of disease.

1. A roan gelding, aged, from pulmonary con-

sumption of some time standing, the lungs being full of abscesses.

At the close of the autumn, when the watering season ceases, less horses are required, and the custom is to weed out certain old and defective horses from the stud. This being considered the most practical and economical course to pursue, consequently nine were disposed of by public auction in October last.

Fodder.—Advertisements have been issued for the supply of fodder for the horses three times during the year. The average cost for keep and bedding has been 17s. 7·74d. per horse per week.

| TENDERS ACCEPTED. | | | | | | |
|---------------------------------|---|-----------|---|----------|--|-----------|
| One Week's Supply per Horse. | For Six Months. March 18, 1879. Messrs. Wright & Clements. | | For Three Months. November 4, 1879. Messrs. Bennett & Son. | | For Six Months. March 8, 1880. Messrs. Bennett & Son. | |
| | s. d. | s. d. | s. d. | s. d. | s. d. | s. d. |
| 1½ Trusses of Straw | 1 0 | = 1 0· | 1 0·66 | = 1 3·82 | 1 0· | = 1 3· |
| 1 Truss of Hay ... | 2 4 | = 2 4· | 2 5·33 | = 2 5·33 | 2 5· | = 2 5· |
| 2 Trusses of Clover | 2 9·33 | = 5 6·66 | 3 3·33 | = 6 6·66 | 2 11·66 | = 5 11·32 |
| 3 Bushels Riga Oats | 2 5·25 | = 7 11·06 | 2 7·5 | = 7 9·15 | 2 7·5 | = 7 10·5 |
| ½ Bushel of Bran... | 0 3·92 | = 0 1·96 | 0 4·68 | = 0 2·34 | 0 4·87 | = 0 2·43 |
| Cost per horse per week... | 16 11·68 | | 18 3·30 | | 17 8·25 | |

Average cost per horse per week, 17s. 7¾d.

* 1 Truss only used.

† 3½ Bushels used.

Considerable difficulty was experienced during the period that Messrs. Wright and Clements had the contract, owing to their sending in such indifferent articles, and rendering it frequently necessary to

return them. During the latter part of their contract the fodder had to be obtained elsewhere, surcharging them with the difference in price.

Carts.—During the year six slop carts and one four wheel van have been built at the works, also the necessary repairs to the wheels and carts have been executed by the Vestry's own staff.

Harness.—All harness repairs and new sets, with the exception of collars and housings, have been made on the works.

Farriers' and Smiths' Work.—During the year the following works have been executed at the depot, viz.:—The making of horse shoes, shoeing, repairs of sifting machine, iron work for new and repaired carts, with the exception of wheel tiring; also the general smith's work required for the Highway Department, including 500 pickaxes, lined and steeled, and the sharpening of 9,162 pickaxes and 304 chisels.

The following tables, &c., will furnish sundry details of the year's proceedings in this department:—

Table A.—Account of expenditure and sales, &c., in connection with dusting, slopping, watering, and carting materials, including repairs and

maintenance of water meters, stand posts, and supply of water for road making and road watering purposes.

Table B.—Plant capital account.

„ C.—Return showing the weekly totals of the number of horses employed, loads collected and sent away by boats, tonnage, cost of wages, haulage, canal dues, &c., and daily record of the weather.

I am, GENTLEMEN,

Your obedient Servant,

GEORGE WESTON,

Superintendent Works Department.

DUSTING, SLOPPING, WATERING AND CARTING MATERIALS

Detailed Account of Expenditure and Receipts for the Year ending 25th March, 1880.

Ex.

| MARCH 25, 1880. | | DUSTING. | | WATERING. | | STOPPING. | | CARTING. | | TOTALS. | | TOTALS. | | | | | | |
|---|-------|----------|----|-----------|----|-----------|-----|----------|----|---------|-----|---------|-----|-----|----|--------|---|----|
| WORKING EXPENSES— | | £ s. d. | | £ s. d. | | £ s. d. | | £ s. d. | | £ s. d. | | £ s. d. | | | | | | |
| Dusting. | | £ s. d. | | £ s. d. | | £ s. d. | | £ s. d. | | £ s. d. | | £ s. d. | | | | | | |
| To WAGES— | | | | | | | | | | | | | | | | | | |
| Collecting 17,245 loads of Dust | 1,393 | 2 | 0 | | | | | | | | | | | | | | | |
| Working Sifting Machine... | 1,290 | 14 | 8 | | | | | | | | | | | | | | | |
| Haulage of Ashes and Breeze... | 393 | 7 | 9 | | | | | | | | | | | | | | | |
| Haulage of Soft Core ... | 73 | 6 | 9 | | | | | | | | | | | | | | | |
| Unloading Ashes and Breeze at Alorton... | 278 | 19 | 10 | | | | | | | | | | | | | | | |
| Canal Dues for Ashes and Breeze ... | 553 | 0 | 2½ | | | | | | | | | | | | | | | |
| Do. do. Soft Core ... | 91 | 19 | 7 | | | | | | | | | | | | | | | |
| Stopping. | | | | 3,984 | 10 | 9½ | | | | 3,984 | 10 | 9½ | | | | | | |
| To WAGES paid— | | | | | | | | | | | | | | | | | | |
| Collecting 26,971 loads ... | 1,270 | 17 | 10 | | | | | | | | | | | | | | | |
| Loading Boats ... | 343 | 10 | 11 | | | | | | | | | | | | | | | |
| Unloading Boats ... | 369 | 15 | 9 | | | | | | | | | | | | | | | |
| Haulage do. ... | 642 | 5 | 6 | | | | | | | | | | | | | | | |
| Canal Dues for Slop and Sweepings ... | 552 | 18 | 2½ | | | | | | | | | | | | | | | |
| Road Watering. | | | | | | 3,179 | 8 | 2½ | | 3,179 | 8 | 2½ | | | | | | |
| To WAGES paid Drivers ... | | | | 467 | 7 | 0 | | | | 467 | 7 | 0 | | | | | | |
| Carting Road Materials and Hauling Machines. | | | | | | | | | | | | | | | | | | |
| To WAGES paid Drivers ... | | | | | | | | 666 | 16 | 0 | 666 | 16 | 0 | | | | | |
| To WAGES PAID in connection with the before-mentioned Departments— | | | | | | | | | | | | | | | | | | |
| Horsekeeper, Stable Helps, and Watchmen... | | 93 | 11 | 6 | 64 | 16 | 3 | 146 | 12 | 2 | 34 | 2 | 339 | 2 | 1 | | | |
| Engineer and Assistants ... | | 173 | 9 | 8½ | 10 | 0 | 0 | 10 | 0 | 0 | 5 | 0 | 198 | 9 | 8½ | | | |
| Stoker ... | | 40 | 6 | 5 | 10 | 0 | 0 | 10 | 0 | 0 | 5 | 0 | 65 | 6 | 5 | | | |
| Wheelwrights ... | | 42 | 5 | 10 | 25 | 2 | 6 | 114 | 11 | 4½ | 18 | 9 | 200 | 8 | 9½ | | | |
| Farriers and Smiths ... | 284 | 14 | 0½ | 78 | 19 | 2 | 53 | 12 | 0 | 125 | 10 | 0½ | 26 | 12 | 0 | | | |
| Smiths' Work, Sharpening Picks | 96 | 0 | 1 | | | | | | | | | | 350 | 14 | 1½ | | | |
| Harness Maker and Repairer ... | | 31 | 4 | 6 | 22 | 8 | 10 | 48 | 10 | 7 | 11 | 17 | 4 | 114 | 1 | 3 | | |
| Chaff Cutter and Boy... | | 28 | 4 | 2 | 19 | 7 | 8 | 44 | 8 | 11 | 9 | 19 | 9 | 102 | 0 | 6 | | |
| Sundry Labour on Wharf... | | 192 | 0 | 9 | 85 | 14 | 9 | 267 | 12 | 9 | 49 | 10 | 8 | 584 | 18 | 11 | | |
| Clerks and Foremen ... | | 148 | 12 | 11 | 64 | 15 | 0 | 200 | 12 | 11 | 34 | 12 | 6 | 448 | 13 | 4 | | |
| Salary, Booking Clerk ... | 94 | 4 | 6 | | | | | | | | | | | | | | | |
| Do., Superintendent ... | 175 | 0 | 0 | 73 | 17 | 5 | 52 | 9 | 7 | 113 | 3 | 2 | 29 | 14 | 4 | 269 | 4 | 6 |
| Totals for Wages, Canal Dues, Haulage, Loading and Unloading Boats, &c., and carried forward | | | | 4,887 | 3 | 2 | 875 | 13 | 7 | 4,280 | 10 | 1½ | 791 | 14 | 8 | 10,901 | 1 | 7½ |

| MARCH 25, 1880. | | TOTALS. | | TOTALS. | | |
|--|------------|---------|-------|---------|------|-----------------------|
| SALES, DUSTING DEPARTMENT, viz. :— | | £ s. d. | | £ s. d. | | |
| Materials. | Chaldrons. | Loads. | Tons. | Cwt. | Qrs. | Amounts. |
| Ashes... | 13,791½ | ... | ... | ... | ... | £ s. d. 1,191 17 2 |
| Breeze ... | 8,979½ | ... | ... | ... | ... | 678 11 1 |
| Coals ... | ... | ... | ... | ... | ... | 12 11 8 |
| Bones... | ... | ... | 37 | 7 | 2 | 116 15 11 |
| Rags ... | ... | ... | 57 | ... | ... | 71 5 0 |
| Old Iron ... | ... | ... | 29 | 17 | ... | 37 6 3 |
| Metals ... | ... | ... | 1 | 16 | ... | 34 5 10 |
| White Glass | ... | ... | 16 | 10 | ... | 25 13 9 |
| Black Glass | ... | ... | 76 | ... | ... | 15 6 0 |
| Hard Core | ... | 470 | ... | ... | ... | 30 7 0 |
| Sundries ... | ... | ... | ... | ... | ... | 291 17 7 |
| Total Sales 2,505 17 3 | | | | | | |
| Cash Received 1,970 1 6 | | | | | | |
| Outstanding Balances 535 15 9 | | | | | | |
| Cash, Highway Department, for Boating away Clay £ s. d. 45 1 5 | | | | | | |
| " " " Smiths' Work (Pickaxes Sharpening, &c.) 167 12 1 | | | | | | |
| " from Private Parties, for the distribution of Water on Private Roads 135 9 7 | | | | | | |
| value of Ashes and Breeze on Freehold Land at Alorton—Coals, } Corks, &c., viz. :— 1,752 1 0 | | | | | | |
| At Alorton, Ashes and Breeze £1,715 12 0 | | | | | | |
| Breeze 17 14 0 | | | | | | |
| On Wharves... { Coals 15 0 0 | | | | | | |
| Corks 0 15 0 | | | | | | |
| £1,752 1 0 | | | | | | |
| Carried forward £4,606 1 | | | | | | |

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[A]

DUSTING, SLOPPING, WATERING AND CARTING MATERIALS.

Detailed Account of Expenditure and Receipts for the Year ending 25th March, 1880.

Dr.

Including Repairs and Maintenance of Water Meters, Stand Pipes, and Supply of Water for Road Making and Watering Purposes.

Cr.

| MARCH 25, 1880. | | | | | | | MARCH 25, 1880. | | Totals. | Totals. |
|--|--------------|-----------|------------|-------------|-------------|-------------|-------------------------------------|-----|---------|-----------|
| WORKING EXPENSES— | | | | | | | RECEIPTS AND OUTSTANDING BALANCES:— | | £ s. d. | £ s. d. |
| | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. | £ s. d. | | | | |
| Brought forward | ... | 4,887 3 2 | 875 13 7 | 4,250 10 1½ | 791 14 8 | 10,901 1 7½ | Brought forward | ... | ... | 4,606 1 4 |
| Provender | ... | 745 10 6 | 491 14 0 | 1,209 5 10 | 222 7 2 | 2,668 17 7 | | | | |
| Rates, Taxes, Gas, Water, and Insurance | ... | 68 11 0 | 44 12 1 | 106 15 6 | 22 16 1 | 240 14 8 | | | | |
| Rent of Wharves, Nos. 11, 12, and 13 | ... | 243 0 5 | 169 1 1 | 378 15 7 | 90 7 11 | 881 5 0 | | | | |
| Proportion of Rent, Land at Alpertown | ... | 20 4 0 | ... | ... | ... | 20 4 0 | | | | |
| Veterinary Surgeon | ... | 22 10 2 | 16 19 1 | 32 13 10 | 11 1 2 | 83 4 3 | | | | |
| Coals for Engine | ... | 80 12 4 | 5 7 6 | 13 9 10 | 2 6 4 | 101 16 0 | | | | |
| „ for Smiths | ... | 6 3 4 | 4 8 5 | 9 7 9 | 3 4 6 | 23 4 0 | | | | |
| Stationery and Printing | ... | 26 2 11 | 16 15 10 | 43 6 6 | 6 16 5 | 93 1 8 | | | | |
| Harness Maker's Materials | ... | 23 11 0 | 22 19 6 | 34 19 3 | 16 16 3 | 98 6 0 | | | | |
| Bolts, Nuts, and Iron | ... | 5 6 9 | 2 4 0 | 11 9 6 | 1 7 3 | 20 7 5 | | | | |
| Wrought Iron for Shosing and other purposes | ... | 19 10 4 | 19 0 4 | 30 6 11 | 13 3 3 | 82 0 10 | | | | |
| Oils and Colours | ... | 6 15 5 | 6 11 7 | 10 4 8 | 4 14 2 | 28 5 10 | | | | |
| Grease and Oils | ... | 8 6 10 | 3 11 4 | 3 11 7 | 1 17 1 | 17 6 10 | | | | |
| Timber for New Carts and Repairs | ... | 31 3 0 | 12 3 6 | 83 10 6 | 10 10 8 | 137 7 8 | | | | |
| Sundries as per Petty Cash Book | ... | 16 10 4 | 7 9 4 | 17 11 9 | 5 9 3 | 47 0 8 | | | | |
| Horse Hire, Road Watering | ... | ... | 96 0 0 | ... | ... | 96 0 0 | | | | |
| Sundry Repairs, including Wheel treading, New Baskets, Repairs, Articles and Materials, &c. | ... | 128 9 11 | 73 10 1 | 149 14 3½ | 64 10 10 | 416 5 1½ | | | | |
| Interest Account, Wharves and Plant | 675 1 8 | | | | | | | | | |
| „ „ Land at Alpertown | 58 5 6 | | | | | | | | | |
| Losses on Horses by Sales and Deaths, less Cash received | 325 9 6 | | | | | | | | | |
| DEPRECIATIONS—Leases and Buildings on Leaseholds, &c. | 294 0 0 | | | | | | | | | |
| Do. Horses, 5 per cent. | 213 0 0 | | | | | | | | | |
| | | 352 11 6 | 288 6 0 | 717 5 4 | 207 13 10 | 1,565 16 8 | | | | |
| *EXPENDITURE—CARRIED FORWARD— | £ 6,690 2 11 | 2,156 7 3 | 7,102 18 9 | 1,476 16 10 | 17,522 5 10 | | | | | |

RECEIPTS AND OUTSTANDING BALANCES:—

Brought forward

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Actual Outlay being £12,916 4s. 6d. for carrying out the Works of Dusting, Slopping, Carting Materials, and Watering, including depreciation of Horses, Leasehold Properties, and Expenditures thereon, Maintenance of Plant and Machinery, &c., viz.:

| | £ | s. | d. |
|----------------------|--------|----|----|
| Expenditure | 17,522 | 5 | 10 |
| Receipts, &c. | 4,606 | 1 | 4 |
| Difference | 12,916 | 4 | 6 |

DUSTING, SLOPPING, WATERING AND CARTING MATERIALS.

Dr.

Including Repairs and Maintenance of Water Meters, Stand Posts and Supply of Water for Road Making and Watering Purposes.

Er.

| MARCH 25, 1880. | | | | APRIL 25, 1880. | | | | MAY 25, 1880. | | | | JUNE 25, 1880. | | | |
|---|--|--|--|-----------------|--|--|--|---|--|--|--|------------------------|--|--|--|
| | | | | RCH 25, 1880. | | | | Brought forward | | | | Brought forward | | | |
| | | | | £ s. d. | | | | £ s. d. | | | | £ s. d. | | | |
| Brought forward | | | | 17,522 | | | | Stores in hand, viz:— | | | | 4,606 1 4 | | | |
| | | | | | | | | Oils and Colors... .. | | | | £5 3 1 | | | |
| To Stores not used per Contra | | | | 438 17 7 | | | | Harness Makers' Material | | | | 14 15 9 | | | |
| Water Companies for supply of Water for Road Watering and Road Making Purposes | | | | 531 17 3 | | | | Bolts, Nuts, and Iron | | | | 92 11 6 | | | |
| Repair and Maintenance of Water Meters and Stand Posts... .. | | | | 109 11 3 | | | | Timber | | | | 124 3 9 | | | |
| Gravel and Hoggin for Highway Department | | | | 1,145 13 8 | | | | Wrought Iron | | | | 36 2 8 | | | |
| Unloading do. for do. | | | | 104 14 8 | | | | Sundries | | | | 166 0 10 | | | |
| | | | | 2,330 | | | | | | | | 438 17 7 | | | |
| | | | | | | | | Cash from Private Parties for Water used on Private Roads ... | | | | 118 11 5 | | | |
| | | | | | | | | ,, and Outstanding Balance from Highway Department, for supply of Gravel and Unloading | | | | 1,250 8 4 | | | |
| | | | | | | | | Balance | | | | 13,439 1 7 | | | |
| | | | | £19,853 | | | | | | | | £19,853 0 3 | | | |

[B]

PADDINGTON VESTRY—WORKS DEPARTMENT.

PLANT CAPITAL ACCOUNT, 25th MARCH, 1880.

| Dr. | | Cr. | |
|---|-----------|--|-------------|
| 1880. | £ s. | 1880. | £ s. d. |
| March 25. To Value of Plant, after writing off depreciation of Horses, Leasehold Property, Buildings, and Erections thereon, charging Renewals and Repairs of Plant and Machinery to Maintenance | 23,060 8 | March 25. By Horses—Vestry's Stock, March, 1879 | 3,880 17 10 |
| | | „ „ Purchased during the Year | 707 10 0 |
| | | | 4,588 7 10 |
| | | LESS DEATHS AND SALES | 325 9 6 |
| | | „ WRITTEN OFF | 213 0 0 |
| | | | 538 9 6 |
| | | | 4,049 18 4 |
| | | By Harness—Vestry's Stock, March, 1879 | 315 10 7 |
| | | „ „ Additions during the Year | 14 8 0 |
| | | | 329 18 7 |
| | | „ Carts—Vestry's Stock, March, 1879 | 1,419 9 6 |
| | | „ „ Additions, 24 Water Vans | 1,320 0 0 |
| | | „ „ „ 1 Slop Van | 45 0 0 |
| | | | 2,784 9 6 |
| | | „ Boats—Vestry's Stock, March, 1879 | 320 0 0 |
| | | „ Leases of Wharves | 5,580 8 6 |
| | | „ Stable Buildings, Workshops, Mess-Room, Ticket Office, and Chimney Shaft | 2,437 11 4 |
| | | „ House, Cottage, Office, and Stores | 760 12 4 |
| | | „ Slop Tank | 1,092 9 1 |
| | | „ Dust Sifting Machine | 1,462 12 4 |
| | | „ 20-Horse Power Horizontal Engine, and two Cornish Boilers and Appendages, Condenser, and Gearing | 390 0 0 |
| | | | 11,723 13 7 |
| | | LESS $\frac{1}{10}$ Written off | 294 0 0 |
| | | | 11,429 13 7 |
| | | „ Machinery and Fittings, Bean, Maize, and Oat Crusher, Chaff Machine, Grindstone, and all Bands and Shafting | 72 16 6 |
| | | „ Sundry Details for Engine, Sifting Machine, Farrier, Wheelwright, Smith, and Harness Maker's Tools | 335 15 10 |
| | | „ Stable Fittings | 300 0 0 |
| | | „ Office Furniture and Fittings | 88 0 0 |
| | | „ Additions to Plant, March, 1879 | £116 11 7 |
| | | „ „ „ „ 1880 | 33 4 8 |
| | | | 149 16 3 |
| | | | 946 8 7 |
| | | „ Value of Freehold Field at Alperton | 3,200 0 0 |
| | | | £23,060 8 7 |
| | £23,060 8 | | |

27

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 1880 | 1879 | 1878 | 1877 | 1876 | 1875 | 1874 | 1873 | 1872 | 1871 | 1870 | 1869 | 1868 | 1867 | 1866 | 1865 | 1864 | 1863 | 1862 | 1861 | 1860 | 1859 | 1858 | 1857 | 1856 | 1855 | 1854 | 1853 | 1852 | 1851 | 1850 | 1849 | 1848 | 1847 | 1846 | 1845 | 1844 | 1843 | 1842 | 1841 | 1840 | 1839 | 1838 | 1837 | 1836 | 1835 | 1834 | 1833 | 1832 | 1831 | 1830 | 1829 | 1828 | 1827 | 1826 | 1825 | 1824 | 1823 | 1822 | 1821 | 1820 | 1819 | 1818 | 1817 | 1816 | 1815 | 1814 | 1813 | 1812 | 1811 | 1810 | 1809 | 1808 | 1807 | 1806 | 1805 | 1804 | 1803 | 1802 | 1801 | 1800 | 1799 | 1798 | 1797 | 1796 | 1795 | 1794 | 1793 | 1792 | 1791 | 1790 | 1789 | 1788 | 1787 | 1786 | 1785 | 1784 | 1783 | 1782 | 1781 | 1780 | 1779 | 1778 | 1777 | 1776 | 1775 | 1774 | 1773 | 1772 | 1771 | 1770 | 1769 | 1768 | 1767 | 1766 | 1765 | 1764 | 1763 | 1762 | 1761 | 1760 | 1759 | 1758 | 1757 | 1756 | 1755 | 1754 | 1753 | 1752 | 1751 | 1750 | 1749 | 1748 | 1747 | 1746 | 1745 | 1744 | 1743 | 1742 | 1741 | 1740 | 1739 | 1738 | 1737 | 1736 | 1735 | 1734 | 1733 | 1732 | 1731 | 1730 | 1729 | 1728 | 1727 | 1726 | 1725 | 1724 | 1723 | 1722 | 1721 | 1720 | 1719 | 1718 | 1717 | 1716 | 1715 | 1714 | 1713 | 1712 | 1711 | 1710 | 1709 | 1708 | 1707 | 1706 | 1705 | 1704 | 1703 | 1702 | 1701 | 1700 | 1699 | 1698 | 1697 | 1696 | 1695 | 1694 | 1693 | 1692 | 1691 | 1690 | 1689 | 1688 | 1687 | 1686 | 1685 | 1684 | 1683 | 1682 | 1681 | 1680 | 1679 | 1678 | 1677 | 1676 | 1675 | 1674 | 1673 | 1672 | 1671 | 1670 | 1669 | 1668 | 1667 | 1666 | 1665 | 1664 | 1663 | 1662 | 1661 | 1660 | 1659 | 1658 | 1657 | 1656 | 1655 | 1654 | 1653 | 1652 | 1651 | 1650 | 1649 | 1648 | 1647 | 1646 | 1645 | 1644 | 1643 | 1642 | 1641 | 1640 | 1639 | 1638 | 1637 | 1636 | 1635 | 1634 | 1633 | 1632 | 1631 | 1630 | 1629 | 1628 | 1627 | 1626 | 1625 | 1624 | 1623 | 1622 | 1621 | 1620 | 1619 | 1618 | 1617 | 1616 | 1615 | 1614 | 1613 | 1612 | 1611 | 1610 | 1609 | 1608 | 1607 | 1606 | 1605 | 1604 | 1603 | 1602 | 1601 | 1600 | 1599 | 1598 | 1597 | 1596 | 1595 | 1594 | 1593 | 1592 | 1591 | 1590 | 1589 | 1588 | 1587 | 1586 | 1585 | 1584 | 1583 | 1582 | 1581 | 1580 | 1579 | 1578 | 1577 | 1576 | 1575 | 1574 | 1573 | 1572 | 1571 | 1570 | 1569 | 1568 | 1567 | 1566 | 1565 | 1564 | 1563 | 1562 | 1561 | 1560 | 1559 | 1558 | 1557 | 1556 | 1555 | 1554 | 1553 | 1552 | 1551 | 1550 | 1549 | 1548 | 1547 | 1546 | 1545 | 1544 | 1543 | 1542 | 1541 | 1540 | 1539 | 1538 | 1537 | 1536 | 1535 | 1534 | 1533 | 1532 | 1531 | 1530 | 1529 | 1528 | 1527 | 1526 | 1525 | 1524 | 1523 | 1522 | 1521 | 1520 | 1519 | 1518 | 1517 | 1516 | 1515 | 1514 | 1513 | 1512 | 1511 | 1510 | 1509 | 1508 | 1507 | 1506 | 1505 | 1504 | 1503 | 1502 | 1501 | 1500 | 1499 | 1498 | 1497 | 1496 | 1495 | 1494 | 1493 | 1492 | 1491 | 1490 | 1489 | 1488 | 1487 | 1486 | 1485 | 1484 | 1483 | 1482 | 1481 | 1480 | 1479 | 1478 | 1477 | 1476 | 1475 | 1474 | 1473 | 1472 | 1471 | 1470 | 1469 | 1468 | 1467 | 1466 | 1465 | 1464 | 1463 | 1462 | 1461 | 1460 | 1459 | 1458 | 1457 | 1456 | 1455 | 1454 | 1453 | 1452 | 1451 | 1450 | 1449 | 1448 | 1447 | 1446 | 1445 | 1444 | 1443 | 1442 | 1441 | 1440 | 1439 | 1438 | 1437 | 1436 | 1435 | 1434 | 1433 | 1432 | 1431 | 1430 | 1429 | 1428 | 1427 | 1426 | 1425 | 1424 | 1423 | 1422 | 1421 | 1420 | 1419 | 1418 | 1417 | 1416 | 1415 | 1414 | 1413 | 1412 | 1411 | 1410 | 1409 | 1408 | 1407 | 1406 | 1405 | 1404 | 1403 | 1402 | 1401 | 1400 | 1399 | 1398 | 1397 | 1396 | 1395 | 1394 | 1393 | 1392 | 1391 | 1390 | 1389 | 1388 | 1387 | 1386 | 1385 | 1384 | 1383 | 1382 | 1381 | 1380 | 1379 | 1378 | 1377 | 1376 | 1375 | 1374 | 1373 | 1372 | 1371 | 1370 | 1369 | 1368 | 1367 | 1366 | 1365 | 1364 | 1363 | 1362 | 1361 | 1360 | 1359 | 1358 | 1357 | 1356 | 1355 | 1354 | 1353 | 1352 | 1351 | 1350 | 1349 | 1348 | 1347 | 1346 | 1345 | 1344 | 1343 | 1342 | 1341 | 1340 | 1339 | 1338 | 1337 | 1336 | 1335 | 1334 | 1333 | 1332 | 1331 | 1330 | 1329 | 1328 | 1327 | 1326 | 1325 | 1324 | 1323 | 1322 | 1321 | 1320 | 1319 | 1318 | 1317 | 1316 | 1315 | 1314 | 1313 | 1312 | 1311 | 1310 | 1309 | 1308 | 1307 | 1306 | 1305 | 1304 | 1303 | 1302 | 1301 | 1300 | 1299 | 1298 | 1297 | 1296 | 1295 | 1294 | 1293 | 1292 | 1291 | 1290 | 1289 | 1288 | 1287 | 1286 | 1285 | 1284 | 1283 | 1282 | 1281 | 1280 | 1279 | 1278 | 1277 | 1276 | 1275 | 1274 | 1273 | 1272 | 1271 | 1270 | 1269 | 1268 | 1267 | 1266 | 1265 | 1264 | 1263 | 1262 | 1261 | 1260 | 1259 | 1258 | 1257 | 1256 | 1255 | 1254 | 1253 | 1252 | 1251 | 1250 | 1249 | 1248 | 1247 | 1246 | 1245 | 1244 | 1243 | 1242 | 1241 | 1240 | 1239 | 1238 | 1237 | 1236 | 1235 | 1234 | 1233 | 1232 | 1231 | 1230 | 1229 | 1228 | 1227 | 1226 | 1225 | 1224 | 1223 | 1222 | 1221 | 1220 | 1219 | 1218 | 1217 | 1216 | 1215 | 1214 | 1213 | 1212 | 1211 | 1210 | 1209 | 1208 | 1207 | 1206 | 1205 | 1204 | 1203 | 1202 | 1201 | 1200 | 1199 | 1198 | 1197 | 1196 | 1195 | 1194 | 1193 | 1192 | 1191 | 1190 | 1189 | 1188 | 1187 | 1186 | 1185 | 1184 | 1183 | 1182 | 1181 | 1180 | 1179 | 1178 | 1177 | 1176 | 1175 | 1174 | 1173 | 1172 | 1171 | 1170 | 1169 | 1168 | 1167 | 1166 | 1165 | 1164 | 1163 | 1162 | 1161 | 1160 | 1159 | 1158 | 1157 | 1156 | 1155 | 1154 | 1153 | 1152 | 1151 | 1150 | 1149 | 1148 | 1147 | 1146 | 1145 | 1144 | 1143 | 1142 | 1141 | 1140 | 1139 | 1138 | 1137 | 1136 | 1135 | 1134 | 1133 | 1132 | 1131 | 1130 | 1129 | 1128 | 1127 | 1126 | 1125 | 1124 | 1123 | 1122 | 1121 | 1120 | 1119 | 1118 | 1117 | 1116 | 1115 | 1114 | 1113 | 1112 | 1111 | 1110 | 1109 | 1108 | 1107 | 1106 | 1105 | 1104 | 1103 | 1102 | 1101 | 1100 | 1099 | 1098 | 1097 | 1096 | 1095 | 1094 | 1093 | 1092 | 1091 | 1090 | 1089 | 1088 | 1087 | 1086 | 1085 | 1084 | 1083 | 1082 | 1081 | 1080 | 1079 | 1078 | 1077 | 1076 | 1075 | 1074 | 1073 | 1072 | 1071 | 1070 | 1069 | 1068 | 1067 | 1066 | 1065 | 1064 | 1063 | 1062 | 1061 | 1060 | 1059 | 1058 | 1057 | 1056 | 1055 | 1054 | 1053 | 1052 | 1051 | 1050 | 1049 | 1048 | 1047 | 1046 | 1045 | 1044 | 1043 | 1042 | 1041 | 1040 | 1039 | 1038 | 1037 | 1036 | 1035 | 1034 | 1033 | 1032 | 1031 | 1030 | 1029 | 1028 | 1027 | 1026 | 1025 | 1024 | 1023 | 1022 | 1021 | 1020 | 1019 | 1018 | 1017 | 1016 | 1015 | 1014 | 1013 | 1012 | 1011 | 1010 | 1009 | 1008 | 1007 | 1006 | 1005 | 1004 | 1003 | 1002 | 1001 | 1000 | 999 | 998 | 997 | 996 | 995 | 994 | 993 | 992 | 991 | 990 | 989 | 988 | 987 | 986 | 985 | 984 | 983 | 982 | 981 | 980 | 979 | 978 | 977 | 976 | 975 | 974 | 973 | 972 | 971 | 970 | 969 | 968 | 967 | 966 | 965 | 964 | 963 | 962 | 961 | 960 | 959 | 958 | 957 | 956 | 955 | 954 | 953 | 952 | 951 | 950 | 949 | 948 | 947 | 946 | 945 | 944 | 943 | 942 | 941 | 940 | 939 | 938 | 937 | 936 | 935 | 934 | 933 | 932 | 931 | 930 | 929 | 928 | 927 | 926 | 925 | 924 | 923 | 922 | 921 | 920 | 919 | 918 | 917 | 916 | 915 | 914 | 913 | 912 | 911 | 910 | 909 | 908 | 907 | 906 | 905 | 904 | 903 | 902 | 901 | 900 | 899 | 898 | 897 | 896 | 895 | 894 | 893 | 892 | 891 | 890 | 889 | 888 | 887 | 886 | 885 | 884 | 883 | 882 | 881 | 880 | 879 | 878 | 877 | 876 | 875 | 874 | 873 | 872 | 871 | 870 | 869 | 868 | 867 | 866 | 865 | 864 | 863 | 862 | 861 | 860 | 859 | 858 | 857 | 856 | 855 | 854 | 853 | 852 | 851 | 850 | 849 | 848 | 847 | 846 | 845 | 844 | 843 | 842 | 841 | 840 | 839 | 838 | 837 | 836 | 835 | 834 | 833 | 832 | 831 | 830 | 829 | 828 | 827 | 826 | 825 | 824 | 823 | 822 | 821 | 820 | 819 | 818 | 817 | 816 | 815 | 814 | 813 | 812 | 811 | 810 | 809 | 808 | 807 | 806 | 805 | 804 | 803 | 802 | 801 | 800 | 799 | 798 | 797 | 796 | 795 | 794 | 793 | 792 | 791 | 790 | 789 | 788 | 787 | 786 | 785 | 784 | 783 | 782 | 781 | 780 | 779 | 778 | 777 | 776 | 775 | 774 | 773 | 772 | 771 | 770 | 769 | 768 | 767 | 766 | 765 | 764 | 763 | 762 | 761 | 760 | 759 | 758 | 757 | 756 | 755 | 754 | 753 | 752 | 751 | 750 | 749 | 748 | 747 | 746 | 745 | 744 | 743 | 742 | 741 | 740 | 739 | 738 | 737 | 736 | 735 | 734 | 733 | 732 | 731 | 730 | 729 | 728 | 727 | 726 | 725 | 724 | 723 | 722 | 721 | 720 | 719 | 718 | 717 | 716 | 715 | 714 | 713 | 712 | 711 | 710 | 709 | 708 | 707 | 706 | 705 | 704 | 703 | 702 | 701 | 700 | 699 | 698 | 697 | 696 | 695 | 694 | 693 | 692 | 691 | 690 | 689 | 688 | 687 | 686 | 685 | 684 | 683 | 682 | 681 | 680 | 679 | 678 | 677 | 676 | 675 | 674 | 673 | 672 | 671 | 670 | 669 | 668 | 667 | 666 | 665 | 664 | 663 | 662 | 661 | 660 | 659 | 658 | 657 | 656 | 655 | 654 | 653 | 652 | 651 | 650 | 649 | 648 | 647 | 646 | 645 | 644 | 643 | 642 | 641 | 640 | 639 | 638 | 637 | 636 | 635 | 634 | 633 | 632 | 631 | 630 | 629 | 628 | 627 | 626 | 625 | 624 | 623 | 622 | 621 | 620 | 619 | 618 | 617 | 616 | 615 | 614 | 613 | 612 | 611 | 610 | 609 | 608 | 607 | 606 | 605 | 604 | 603 | 602 | 601 | 600 | 599 | 598 | 597 | 596 | 595 | 594 | 593 | 592 | 591 | 590 | 589 | 588 | 587 | 586 | 585 | 584 | 583 | 582 | 581 | 580 | 579 | 578 | 577 | 576 | 575 | 574 | 573 | 572 | 571 | 570 | 569 | 568 | 567 | 566 | 565 | 564 | 563 | 562 | 561 | 560 | 559 | 558 | 557 | 556 | 555 | 554 | 553 | 552 | 551 | 550 | 549 | 548 | 547 | 546 | 545 | 544 | 543 | 542 | 541 | 540 | 539 | 538 | 537 | 536 | 535 | 534 | 533 | 532 | 531 | 530 | 529 | 528 | 527 | 526 | 525 | 524 | 523 | 522 | 521 | 520 | 519 | 518 | 517 | 516 | 515 | 514 | 513 | 512 | 511 | 510 | 509 | 508 | 507 | 506 | 505 | 504 | 503 | 502 | 501 | 500 | 499 | 498 | 497 | 496 | 495 | 494 | 493 | 492 | 491 | 490 | 489 | 488 | 487 | 486 | 485 | 484 | 483 | 482 | 481 | 480 | 479 | 478 | 477 | 476 | 475 | 474 | 473 | 472 | 471 | 470 | 469 | 468 | 467 | 466 | 465 | 464 | 463 | 462 | 461 | 460 | 459 | 458 | 457 |
|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-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1110 1111 1112 1113 1114

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TABLE C.

Return showing the Weekly and Half-yearly Totals of the Number of Horses Employed, Loads of Materials Collected and sent away by Boats, Tonnage, Cost of Wages, Haulage, Canal Dues, and Daily Record of the Weather, ending 25th March, 1850.

| DUSTING LIST | | DUSTING LIST | | DUSTING LIST | |
|--------------|-----|--------------|------|--------------|------|
| W | W | W | W | W | W |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 |
| 13 | 14 | 15 | 16 | 17 | 18 |
| 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 | 41 | 42 |
| 43 | 44 | 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 | 53 | 54 |
| 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 |
| 67 | 68 | 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 | 77 | 78 |
| 79 | 80 | 81 | 82 | 83 | 84 |
| 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 | 101 | 102 |
| 103 | 104 | 105 | 106 | 107 | 108 |
| 109 | 110 | 111 | 112 | 113 | 114 |
| 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 |
| 127 | 128 | 129 | 130 | 131 | 132 |
| 133 | 134 | 135 | 136 | 137 | 138 |
| 139 | 140 | 141 | 142 | 143 | 144 |
| 145 | 146 | 147 | 148 | 149 | 150 |
| 151 | 152 | 153 | 154 | 155 | 156 |
| 157 | 158 | 159 | 160 | 161 | 162 |
| 163 | 164 | 165 | 166 | 167 | 168 |
| 169 | 170 | 171 | 172 | 173 | 174 |
| 175 | 176 | 177 | 178 | 179 | 180 |
| 181 | 182 | 183 | 184 | 185 | 186 |
| 187 | 188 | 189 | 190 | 191 | 192 |
| 193 | 194 | 195 | 196 | 197 | 198 |
| 199 | 200 | 201 | 202 | 203 | 204 |
| 205 | 206 | 207 | 208 | 209 | 210 |
| 211 | 212 | 213 | 214 | 215 | 216 |
| 217 | 218 | 219 | 220 | 221 | 222 |
| 223 | 224 | 225 | 226 | 227 | 228 |
| 229 | 230 | 231 | 232 | 233 | 234 |
| 235 | 236 | 237 | 238 | 239 | 240 |
| 241 | 242 | 243 | 244 | 245 | 246 |
| 247 | 248 | 249 | 250 | 251 | 252 |
| 253 | 254 | 255 | 256 | 257 | 258 |
| 259 | 260 | 261 | 262 | 263 | 264 |
| 265 | 266 | 267 | 268 | 269 | 270 |
| 271 | 272 | 273 | 274 | 275 | 276 |
| 277 | 278 | 279 | 280 | 281 | 282 |
| 283 | 284 | 285 | 286 | 287 | 288 |
| 289 | 290 | 291 | 292 | 293 | 294 |
| 295 | 296 | 297 | 298 | 299 | 300 |
| 301 | 302 | 303 | 304 | 305 | 306 |
| 307 | 308 | 309 | 310 | 311 | 312 |
| 313 | 314 | 315 | 316 | 317 | 318 |
| 319 | 320 | 321 | 322 | 323 | 324 |
| 325 | 326 | 327 | 328 | 329 | 330 |
| 331 | 332 | 333 | 334 | 335 | 336 |
| 337 | 338 | 339 | 340 | 341 | 342 |
| 343 | 344 | 345 | 346 | 347 | 348 |
| 349 | 350 | 351 | 352 | 353 | 354 |
| 355 | 356 | 357 | 358 | 359 | 360 |
| 361 | 362 | 363 | 364 | 365 | 366 |
| 367 | 368 | 369 | 370 | 371 | 372 |
| 373 | 374 | 375 | 376 | 377 | 378 |
| 379 | 380 | 381 | 382 | 383 | 384 |
| 385 | 386 | 387 | 388 | 389 | 390 |
| 391 | 392 | 393 | 394 | 395 | 396 |
| 397 | 398 | 399 | 400 | 401 | 402 |
| 403 | 404 | 405 | 406 | 407 | 408 |
| 409 | 410 | 411 | 412 | 413 | 414 |
| 415 | 416 | 417 | 418 | 419 | 420 |
| 421 | 422 | 423 | 424 | 425 | 426 |
| 427 | 428 | 429 | 430 | 431 | 432 |
| 433 | 434 | 435 | 436 | 437 | 438 |
| 439 | 440 | 441 | 442 | 443 | 444 |
| 445 | 446 | 447 | 448 | 449 | 450 |
| 451 | 452 | 453 | 454 | 455 | 456 |
| 457 | 458 | 459 | 460 | 461 | 462 |
| 463 | 464 | 465 | 466 | 467 | 468 |
| 469 | 470 | 471 | 472 | 473 | 474 |
| 475 | 476 | 477 | 478 | 479 | 480 |
| 481 | 482 | 483 | 484 | 485 | 486 |
| 487 | 488 | 489 | 490 | 491 | 492 |
| 493 | 494 | 495 | 496 | 497 | 498 |
| 499 | 500 | 501 | 502 | 503 | 504 |
| 505 | 506 | 507 | 508 | 509 | 510 |
| 511 | 512 | 513 | 514 | 515 | 516 |
| 517 | 518 | 519 | 520 | 521 | 522 |
| 523 | 524 | 525 | 526 | 527 | 528 |
| 529 | 530 | 531 | 532 | 533 | 534 |
| 535 | 536 | 537 | 538 | 539 | 540 |
| 541 | 542 | 543 | 544 | 545 | 546 |
| 547 | 548 | 549 | 550 | 551 | 552 |
| 553 | 554 | 555 | 556 | 557 | 558 |
| 559 | 560 | 561 | 562 | 563 | 564 |
| 565 | 566 | 567 | 568 | 569 | 570 |
| 571 | 572 | 573 | 574 | 575 | 576 |
| 577 | 578 | 579 | 580 | 581 | 582 |
| 583 | 584 | 585 | 586 | 587 | 588 |
| 589 | 590 | 591 | 592 | 593 | 594 |
| 595 | 596 | 597 | 598 | 599 | 600 |
| 601 | 602 | 603 | 604 | 605 | 606 |
| 607 | 608 | 609 | 610 | 611 | 612 |
| 613 | 614 | 615 | 616 | 617 | 618 |
| 619 | 620 | 621 | 622 | 623 | 624 |
| 625 | 626 | 627 | 628 | 629 | 630 |
| 631 | 632 | 633 | 634 | 635 | 636 |
| 637 | 638 | 639 | 640 | 641 | 642 |
| 643 | 644 | 645 | 646 | 647 | 648 |
| 649 | 650 | 651 | 652 | 653 | 654 |
| 655 | 656 | 657 | 658 | 659 | 660 |
| 661 | 662 | 663 | 664 | 665 | 666 |
| 667 | 668 | 669 | 670 | 671 | 672 |
| 673 | 674 | 675 | 676 | 677 | 678 |
| 679 | 680 | 681 | 682 | 683 | 684 |
| 685 | 686 | 687 | 688 | 689 | 690 |
| 691 | 692 | 693 | 694 | 695 | 696 |
| 697 | 698 | 699 | 700 | 701 | 702 |
| 703 | 704 | 705 | 706 | 707 | 708 |
| 709 | 710 | 711 | 712 | 713 | 714 |
| 715 | 716 | 717 | 718 | 719 | 720 |
| 721 | 722 | 723 | 724 | 725 | 726 |
| 727 | 728 | 729 | 730 | 731 | 732 |
| 733 | 734 | 735 | 736 | 737 | 738 |
| 739 | 740 | 741 | 742 | 743 | 744 |
| 745 | 746 | 747 | 748 | 749 | 750 |
| 751 | 752 | 753 | 754 | 755 | 756 |
| 757 | 758 | 759 | 760 | 761 | 762 |
| 763 | 764 | 765 | 766 | 767 | 768 |
| 769 | 770 | 771 | 772 | 773 | 774 |
| 775 | 776 | 777 | 778 | 779 | 780 |
| 781 | 782 | 783 | 784 | 785 | 786 |
| 787 | 788 | 789 | 790 | 791 | 792 |
| 793 | 794 | 795 | 796 | 797 | 798 |
| 799 | 800 | 801 | 802 | 803 | 804 |
| 805 | 806 | 807 | 808 | 809 | 810 |
| 811 | 812 | 813 | 814 | 815 | 816 |
| 817 | 818 | 819 | 820 | 821 | 822 |
| 823 | 824 | 825 | 826 | 827 | 828 |
| 829 | 830 | 831 | 832 | 833 | 834 |
| 835 | 836 | 837 | 838 | 839 | 840 |
| 841 | 842 | 843 | 844 | 845 | 846 |
| 847 | 848 | 849 | 850 | 851 | 852 |
| 853 | 854 | 855 | 856 | 857 | 858 |
| 859 | 860 | 861 | 862 | 863 | 864 |
| 865 | 866 | 867 | 868 | 869 | 870 |
| 871 | 872 | 873 | 874 | 875 | 876 |
| 877 | 878 | 879 | 880 | 881 | 882 |
| 883 | 884 | 885 | 886 | 887 | 888 |
| 889 | 890 | 891 | 892 | 893 | 894 |
| 895 | 896 | 897 | 898 | 899 | 900 |
| 901 | 902 | 903 | 904 | 905 | 906 |
| 907 | 908 | 909 | 910 | 911 | 912 |
| 913 | 914 | 915 | 916 | 917 | 918 |
| 919 | 920 | 921 | 922 | 923 | 924 |
| 925 | 926 | 927 | 928 | 929 | 930 |
| 931 | 932 | 933 | 934 | 935 | 936 |
| 937 | 938 | 939 | 940 | 941 | 942 |
| 943 | 944 | 945 | 946 | 947 | 948 |
| 949 | 950 | 951 | 952 | 953 | 954 |
| 955 | 956 | 957 | 958 | 959 | 960 |
| 961 | 962 | 963 | 964 | 965 | 966 |
| 967 | 968 | 969 | 970 | 971 | 972 |
| 973 | 974 | 975 | 976 | 977 | 978 |
| 979 | 980 | 981 | 982 | 983 | 984 |
| 985 | 986 | 987 | 988 | 989 | 990 |
| 991 | 992 | 993 | 994 | 995 | 996 |
| 997 | 998 | 999 | 1000 | 1001 | 1002 |

1880.

PADDINGTON,

Middlesex.

STATEMENT IN ABSTRACT

OF THE

PAROCHIAL ACCOUNTS, CONTRACTS, AND LIABILITIES,

FOR THE YEAR ENDING 25TH MARCH, 1880,

WITH THE

REPORT OF THE AUDITORS THEREON,

INCLUDING STATEMENTS OF RECEIPTS AND EXPENDITURE MADE UP TO 31ST
DECEMBER LAST, OF MONEYS BELONGING TO THE SEVERAL
PAROCHIAL CHARITIES.

ALSO

A TABULAR STATEMENT

OF THE

PRINCIPAL WORKS EXECUTED

UNDER THE DIRECTION OF THE

HIGHWAY AND SANITARY COMMITTEES.

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, 1880, under the heads of RECEIPTS AND EXPENDITURE, viz. :—

RECEIPTS.

| | £ | s. | d. |
|---|----------|----|----|
| Balance in hand brought from last year's Account | 15,225 | 14 | 9½ |
| Received on Account of Rates | 88,011 | 3 | 2 |
| „ from the Burial Board, pursuant to sec. 22 of the 15th and 16th Vic. Cap. 85 (Metropolitan Burials Act) | 2,500 | 0 | 0 |
| „ from Her Majesty's Treasury, as a contribution by way of Bounty to the rates on Government property... | 52 | 18 | 4 |
| „ from Sale of Borough Lists... | 1 | 9 | 10 |
| | <hr/> | | |
| | £105,791 | 6 | 1½ |

POOR RATE.

EXPENDITURE.

| | £ | s. | d. |
|---|----------|----|----|
| Guardian Board | 21,000 | 0 | 0 |
| County Rate... | 10,358 | 10 | 4 |
| Police Rate | 22,805 | 4 | 2 |
| Metropolitan Common Poor Fund | 19,378 | 11 | 4 |
| Metropolitan Asylum District Rate | 8,905 | 6 | 9 |
| West London School District Rate | 7,320 | 0 | 0 |
| Commissioners for Public Baths and Washhouses | 3,234 | 12 | 6 |
| Overseers' and Returning Officer's Expenses, incurred in preparing Borough and County Lists | 283 | 19 | 3 |
| Expenses incurred in the Election of Vestrymen and Auditors of Accounts | 29 | 2 | 0 |
| Jury Lists | 46 | 6 | 0 |
| Salary (late Assistant Overseer, ½ year) | 10 | 0 | 0 |
| Collectors' Commission... | 733 | 9 | 6 |
| | 94,105 | 1 | 10 |
| Balance in hand... | 11,686 | 4 | 3½ |
| | £105,791 | 6 | 1½ |

LIGHTING RATE ACCOUNT.

| | £ | s. | d. |
|--|--------|----|----|
| Received on Account of Rates | 8,956 | 2 | 5½ |
| „ of other Sources, including Private Lighting | 106 | 19 | 0½ |
| | <hr/> | | |
| | £9,063 | 1 | 6 |

| | £ | s. | d. |
|--|--------|----|----|
| Balance overpaid | 1,083 | 11 | 5 |
| Lighting under Average Meter System | 5,351 | 4 | 11 |
| New Lamp Columns, Brackets and Lanterns, and Lamp Removals | 213 | 19 | 9 |
| Repair of Lamp Columns, Brackets, Governors, and Cocks | 302 | 1 | 8 |
| Wages to Lamplighters | 1,351 | 18 | 9 |
| Salary of Inspector of Public Lighting | 220 | 0 | 0 |
| Collectors' Commission... | 63 | 13 | 4 |
| Maintenance of Meters... | 19 | 3 | 3 |
| Tradesmen's Bills, &c.... | 173 | 11 | 4 |
| | 8,779 | 4 | 5 |
| Balance in hand | 283 | 17 | 1 |
| | £9,063 | 1 | 6 |

GENERAL RATE ACCOUNT.

| | £ | s. | d. |
|--|--------|----|-----|
| Balance in hand brought from last year's Account | 4,449 | 0 | 7 |
| Received on account of Rates | 78,919 | 19 | 10½ |
| " from the Waywardens of the Edgware Highway Board | 537 | 10 | 9 |
| " from various parties for Repair of Roads | 988 | 9 | 0 |
| " from various parties for Paving Works | 2,801 | 6 | 9 |
| " from the London and County Bank, Interest on the Vestry General Account | 130 | 18 | 4 |
| " from the London and County Bank, Loan for carrying out Wood Paving Works | 5,000 | 0 | 0 |
| " from Metropolitan Board of Works, Loan for purchase of Land at Alperton | 3,200 | 0 | 0 |
| " from General Works Department Account, for Sale of Ashes, Breeze, and Miscellaneous Articles | 6,398 | 5 | 1 |
| " from Mr. Edward Collins, for Dust supplied to him in 1877 | 93 | 16 | 0 |
| " from Clerk in Surveyor's Department, balance of wages on Wood Paving Account | 131 | 3 | 6 |
| " on account of other sources | 168 | 10 | 6½ |
| To amount of Surcharges made by the Auditors for the year ending 25th March, 1879... | £134 | 16 | 10 |
| Amount carried forward as a Liability against the Parish | 125 | 19 | 10 |
| Amount received from Members of Vestry in respect of Slop Tank Dinner Surcharge | 8 | 17 | 0 |
| | 8 | 17 | 0 |

£102,827 17 5

| | £ | s. | d. |
|---|----------|----|----|
| Materials | 5,587 | 8 | 8 |
| Wood Paving Works | 6,954 | 6 | 3 |
| Gully Drains in New Streets... | 122 | 9 | 7 |
| Steam Road Roller, and for working same | 441 | 15 | 10 |
| Wages to Men employed at the Wharves and on the Roads | 11,676 | 0 | 0 |
| Paving Works | 2,143 | 9 | 1 |
| Water for Roads, Purchase of Water Vans, and Repairs | 1,876 | 3 | 3 |
| Carting and Day Work | 324 | 19 | 4 |
| Dusting, Watering, Stopping, and Carting— | | | |
| Wages to Men | 9,130 | 0 | 0 |
| Provender | 2,565 | 3 | 0 |
| Canal Dues | 1,010 | 0 | 1 |
| Rent, Rates, Gas, and Insurance | 1,142 | 9 | 7 |
| Horse Hire | 60 | 0 | 0 |
| Odell, for Gravel and Hoggins | 1,290 | 3 | 3 |
| Do. for Unloading Slop Boats | 358 | 9 | 0 |
| Salaries | 255 | 0 | 0 |
| Ironmongery, Timber, Harness, Engine Coal, &c. | 915 | 12 | 9 |
| Purchase of Horses | 707 | 10 | 0 |
| Tradesmen's Bills | 459 | 9 | 8 |
| Veterinary Surgeon's Fees | 112 | 12 | 3 |
| Interest on Loans | 733 | 7 | 2 |
| Finch, Compensation and Medical Attendance on account of Accident | 41 | 15 | 0 |
| Two Instalments in repayment of Loan of £18,000 | 18,781 | 11 | 9 |
| Mr. Prince, for land at Alperton | 6,885 | 0 | 0 |
| Salaries | 3,220 | 4 | 0 |
| Superannuation Allowance | 3,583 | 2 | 6 |
| Rent, Rates, and Taxes... | 360 | 0 | 0 |
| Gas, Water, and Insurance | 923 | 16 | 0 |
| Collectors' Commission | 68 | 7 | 6 |
| Printing, Books, Stationery, Stamps for Rates, &c. | 648 | 18 | 2 |
| Law Expenses | 434 | 9 | 9 |
| Ditto re Collins | 305 | 1 | 3 |
| Assessment Committee | 693 | 10 | 11 |
| School Board for London | 50 | 0 | 0 |
| Tradesmen's Bills | 32,625 | 13 | 4 |
| Petty Disbursements | 1,361 | 13 | 0 |
| Sundries | 88 | 14 | 4 |
| Mr. J. E. Saunders, for professional services in connection with Moscow Road Improvement | 313 | 14 | 4 |
| Messrs. Kinipple and Morris, for Plans and Specifications of Westbourne Terrace Road Bridge | 94 | 10 | 0 |
| | 454 | 9 | 6 |
| To Amount disallowed and surcharged | 100,019 | 8 | 4 |
| | 57 | 15 | 6 |
| | 100,077 | 3 | 10 |
| Balance in hand | 2,750 | 13 | 7 |
| | £102,827 | 17 | 5 |

SEWERS RATE ACCOUNT.

| | £ | s. | d. |
|--|---------------|----------|----------------------------------|
| Balance in hand brought from last year's Account | 1,296 | 10 | 9 $\frac{1}{4}$ |
| Received on account of Rates | 2,255 | 12 | 5 $\frac{1}{2}$ |
| " " of Drain Mouths and Gully Drains, in New Streets | 782 | 19 | 2 |
| " " of other sources | 20 | 5 | 8 $\frac{1}{2}$ |
| | <u>£4,355</u> | <u>8</u> | <u>1$\frac{1}{4}$</u> |

| | £ | s. | d. |
|--|---------------|----------|----------------------------------|
| Sewers Jobbing Works | 1,865 | 8 | 9 |
| New Sewer Works | 154 | 5 | 2 |
| Wages | 650 | 0 | 0 |
| General Rate Account for Repair of Roads | 34 | 17 | 0 |
| Lighting Rate Account for Gas to Urinals | 28 | 16 | 10 |
| Water for Urinals and Flushing Sewers... .. | 38 | 5 | 8 |
| Collectors' Commission | 18 | 9 | 7 |
| Tradesmen's Bills, including expenses incurred in connection with Woodfield Road Sewer | 123 | 6 | 8 |
| | <u>2,913</u> | <u>9</u> | <u>8</u> |
| Balance in hand | 1,441 | 18 | 5 $\frac{1}{4}$ |
| | <u>£4,355</u> | <u>8</u> | <u>1$\frac{1}{4}$</u> |

METROPOLITAN CONSOLIDATED RATE ACCOUNT.

| | £ | s. | d. |
|--|----------------|-----------|----------------------------------|
| Balance in hand brought from last year's Account | 1,880 | 3 | 7 $\frac{1}{2}$ |
| Received on account of Rates | 24,806 | 8 | 9 $\frac{1}{2}$ |
| " " of other sources | 14 | 11 | 0 $\frac{1}{2}$ |
| | <u>26,701</u> | <u>3</u> | <u>5$\frac{1}{2}$</u> |
| Deficiency | 222 | 10 | 0 $\frac{1}{2}$ |
| | <u>£26,923</u> | <u>13</u> | <u>6</u> |

| | £ | s. | d. |
|-----------------------------------|----------------|-----------|----------|
| Metropolitan Board of Works... .. | 26,719 | 14 | 7 |
| Collectors' Commission | 203 | 18 | 11 |
| | <u>£26,923</u> | <u>13</u> | <u>6</u> |

[B]

SUMMARY STATEMENT OF CONTRACTS *entered into by the VESTRY of the PARISH of PADDINGTON,*
during the year ending on the 25th day of March, 1880, viz. :—

| DATE WHEN ENTERED INTO. | NAME OF CONTRACTOR. | NATURE OF CONTRACT. | PRICE. |
|-----------------------------|------------------------------------|--|---|
| 18th March, 1879 | Mr. E. H. Bayley | For supply of 20 Water Vans | £55 per Van. |
| 3rd April, 1879 | Messrs. Wright and Clements | For Forage | As per Schedule of Prices. |
| 29th September, 1879 | Mr. W. C. Parkinson | For examining and repairing annually, Meters and Meter Boxes. | At 4s. each. |
| | Ditto | For examining, testing, repairing, and adjusting annually, Cocks, Governors and Burners. | At 1s. 3d. each. |
| 1st December, 1879... .. | Messrs. Bennett & Son | For Forage | As per Schedules of Prices. |
| 5th December, 1879 | Mr. H. Haynes | For erection of Shed at Alperton | £205. |
| 6th January, 1880 | Messrs. M'Corquodale & Co.... .. | For Printing, Books and Stationery | As per Schedules of Prices. |
| 31st January, 1880... .. | Messrs. Mowlem & Co. | For Paving Works | As per Schedule of Prices. |
| 9th February, 1880... .. | Mr. Henry Odell | For Gravel... .. | Sifted, 3s. 2½d. per ton. Unsifted, 3s. 1d. per ton. |
| | Ditto | For unloading Slop, &c. | Vestry to pay 4d. per ton for Shoot and Unloading. |
| 19th February, 1880 | Mr. G. S. Manuelle | For Quenast Granite | At 15s. 3d. per cubic yard. |
| 19th February, 1880 | Mr. F. Manuelle | For Guernsey Granite | At 14s. 11½d. per cubic yard. |
| 19th February, 1880 | Messrs. Nowell & Robson | For Bardon Hill Granite | At 14s. per cubic yard. |
| | Ditto | For Enderby Granite | At 13s. per cubic yard. |

[C] SUMMARY STATEMENT of MONEYS owing to, and DEBTS
PARISH of PADDINGTON, on the

| | | | |
|--|---------|----|----|
| Balance at Bankers, on General Account (including £2,360 6s. 9d., Moneys paid by Owners of Property under 105th Section of Metropolis Management Act) | £15,940 | 3 | 4 |
| Book Debts (Works Department) | 915 | 16 | 11 |
| Outstanding Rates (including Arrears of former Rates) | £4,995 | 0 | 8 |
| Less Estimated Amount of Irrecoverable | 2,075 | 0 | 8 |
| | 2,920 | 0 | 0 |
| Cash in hands of Mr. Sawyer (on account of Wages, Works Department) | 26 | 2 | 6 |
| Balance at Bankers, Highway and Sewers Department, (on account of Drainage and Paving Works) | £404 | 0 | 11 |
| Cash in hands of Mr. Harnden (on account of same Works) | 102 | 9 | 5 |
| | £506 | 10 | 4 |
| Cash in hands of Mr. Harnden (on account of Wages) | 16 | 11 | 2 |
| | 523 | 1 | 6 |
| | £20,325 | 4 | 3 |

We the undersigned, being Auditors of Accounts 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 the accounts of the said Vestry for the year ending 25th March, 1880, and have allowed the same as set forth in the Abstract marked A. And we state that the several Contracts entered into by the Vestry during the year ending 25th March, 1880, are to the best of our belief specified in the foregoing statements of such Contracts marked B. And that the monies owing to and the Debts and Liabilities owing and incurred by such Vestry respectively, are specified in the foregoing statements of such Credits, Debts, and Liabilities respectively marked C. And we hereby disallow the undermentioned sums, namely:—

| | | | |
|--|-----|----|---|
| 1879.—April 2nd, Cheque No. 6,389, Matthews, Refreshments for Highway Committee | £4 | 13 | 6 |
| do. 6,398, Unite, for hire and erection of Tent in which dinner was held at the opening of the slop tank | 26 | 0 | 0 |
| May 6th, do. 6,428, Matthews, Refreshments for Finance and Assessment Committee | 7 | 19 | 0 |
| June 3rd, do. 6,531, Vestry Clerk, Refreshments at Election of Vestrymen | 14 | 19 | 0 |
| July 1st, do. 6,604, Matthews, Refreshments for out-door Highway Committee | 4 | 4 | 0 |
| | £57 | 15 | 6 |

Our reason for such disallowance being that the said charges are illegal ones to the Parochial Rates, and are in contravention of the Act of Parliament, 18 and 19 Victoria, and we hereby surcharge the said sum against those Vestrymen who have signed the Cheques above stated, namely:—
Mr. John Williams ... £10 4 6 Mr. G. Knecht ... £2 13 0 Mr. J. Mitchell Cox ... £4 19 8
H. A. Spencer ... 10 4 6 S. Etherington ... 2 13 0 J. W. Flood ... 2 2 0
H. Wilkinson ... 10 4 6 R. P. Whurr ... 7 1 8
W. E. Nichol ... 2 13 0 W. J. Vickerman ... 4 19 8
£57 15 6

And we beg to thank Mr. Dethridge, the Vestry Clerk, and his Assistants, for the able and courteous manner in which they have rendered us assistance during the investigation.

Dated this 21st day of October, 1880.
ALFRED STEARN,
FRANCIS FARRANT,
HENRY JOHN APPLETON, } Auditors.
NOTE.—I dissent with my Co-auditors to the amount of £21,681 14s. 1d. for School Board, being charged as a liability, I being of opinion that this portion of the precept is a part and parcel only of the accounts for the year ending 25th March, 1881, thus reducing the liabilities to £26,763 2s. 4d.
ALFRED STEARN.

and LIABILITIES, owing by, the VESTRY of the
25th day of March, 1880.

| | | | |
|--|---------|----|----|
| Amount due on Police Warrant | £5,605 | 2 | 4 |
| Do. West London School District Rate | 1,710 | 0 | 0 |
| Do. Guardian's Precept dated 25th Feb., 1880 | 6,000 | 0 | 0 |
| Do. School Board do. | 21,681 | 14 | 1 |
| Do. Salaries | 969 | 17 | 0 |
| Do. Collectors' Commission | 461 | 14 | 8 |
| Do. Rent of Wharves | 427 | 10 | 0 |
| Do. Superannuation Allowance | 90 | 0 | 0 |
| Do. Sundries | 22 | 14 | 11 |
| Do. Balance of Amount surcharged by Auditors, 1879 | 125 | 19 | 10 |
| Do. Examination Officer under Canal Boats Act | 168 | 7 | 3 |
| Do. Haynes, for erecting Shed at Alperton | 185 | 0 | 0 |
| Do. General Works Department Bills | 1,236 | 14 | 8 |
| Do. Highway do. | 4,084 | 2 | 1 |
| Do. Sewers do. | 481 | 19 | 2 |
| Do. Lighting do. | 1,673 | 7 | 11 |
| Do. Vestry Hall do. | 362 | 15 | 0 |
| Do. Sanitary do. | 100 | 16 | 8 |
| Do. Liabilities under 105th Section Metropolis Management Act | 2,360 | 0 | 9 |
| Do. Liabilities on Drainage and Paving Works | £396 | 2 | 5 |
| Do. Liabilities under 105th Section Metropolis Management Act | 110 | 7 | 11 |
| | 506 | 10 | 4 |
| Do. Interest on Balance of Loan of £18,000 (£14,820) to 31st March | 140 | 9 | 9 |
| Do. Interest on Loan of £5,000 | 50 | 0 | 0 |
| | £48,444 | 16 | 5 |

| | Original Debt. | Rate of Interest. | Paid off this Year. | Total paid off. | Remaining unpaid. |
|--|-------------------|----------------------|------------------------|--------------------|----------------------|
| Workhouse Debt ... | £4,500 | 4½ per cent. | 150 | 1,650 | 2,850 |
| Do. (further) ... | 5,000 | 4½ do. | 166 : 13 : 4 | 1,666 : 13 : 4 | 3,333 : 6 : 8 |
| Do. (do.) ... | 8,000 | £4 9s. do. | 157 : 8 : 1 | 722 : 15 : 1 | 7,277 : 4 : 11 |
| Commissioners for Public Baths and Washhouses ... | 48,500 | £4 9s. do. | 1,188 : 9 : 6 | 3,414 : 3 : 0 | 45,085 : 17 : 0 |
| London and County Bank (Works De- partment) ... | 18,000 | £4 do. | 6,885 : 0 : 0 | 6,885 : 0 : 0 | 11,115 : 0 : 0 |
| Do. (Wood Paving) ... | 5,000 | £4 do. | — | — | 5,000 : 0 : 0 |
| Metropolitan Board of Works (Land at Alperton) ... | 3,200 | £3 15s. do. | — | — | 3,200 : 0 : 0 |

TABULAR STATEMENT of the PRINCIPAL WORKS executed in the HIGHWAY DEPARTMENT,
for the Year ending 25th March, 1880.

| New Streets taken to. | | | Granite Crossings laid down. | | | Old Footways relaid and repaved. | | | Macadamized Roads removed and Wood Paving substituted. | Mews repaved. |
|-----------------------|------|------|---------------------------------|------|------|-------------------------------------|------|------|--|---------------|
| MILE. | FUR. | YDS. | MILE. | FUR. | YDS. | MILE. | FUR. | YDS. | SQUARE YARDS. | YARDS RUN. |
| — | — | 19 | — | — | 31 | 1 | 1 | 66 | 10,309 | 148 |

| | | | | | | | |
|------------------------------|-----|-----|-----|-----|--------------|------------|------------|
| Total length of Parish Roads | ... | ... | ... | ... | MILES. 44 | FURS. 2 | YDS. 64 |
|------------------------------|-----|-----|-----|-----|--------------|------------|------------|

TABULAR STATEMENT of the PRINCIPAL WORKS executed in the SEWERS DEPARTMENT,
for the Year ending 25th March, 1880.

| Brick Sewers constructed at the expense of Private Parties. | Air Shafts and Openings constructed at the expense of | | Number of Gulleys. | | Number of side Entrances constructed at the expense of | | Examinations of House Drains as to their General Condition. |
|---|---|-------------|--------------------------------|-----------|--|-------------|---|
| | Private Parties. | The Vestry. | Constructed and Reconstructed. | Repaired. | Private Parties. | The Vestry. | |
| FEET. 2,921 | 12 | — | 92 | 40 | 5 | 2 | 127 |

| Cleansing Sewers. | 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 and Roadway. | Number of Complaints received and attended to. | Traps fixed to House and Gully Drains. |
|---|--|--|------|--------|---|--|--|
| | | MILES. | FUR. | YARDS. | | | |
| LOADS OF HEAVY DEPOSITS REMOVED. 149 | 272 | 5 | 0 | 156 | 69 | 185 | 417 |

| | | |
|---|-----|----------------------------------|
| Total length of Sewers under the jurisdiction of the Vestry | ... | 51 Miles, 5 Furlongs, 125 Yards. |
|---|-----|----------------------------------|

TABULAR STATEMENT of INSPECTIONS *reported and* WORKS of HOUSE IMPROVEMENT *completed*
under the Orders of the Sanitary Committee, for the Year ending 25th *March*, 1880.

| | | | | | | | | |
|---|---|---|-------|-----|-----|-----|-------|----|
| I. Systematic Inspections | { | Houses and other premises inspected | ... | ... | ... | ... | 4,716 | 97 |
| | | Slaughter-houses under inspection during the year | ... | | | | 23 | |
| | | Cow-houses | ditto | | | ... | 19 | |
| | | Bake-houses | ditto | | | ... | 84 | |
| | | Urinals and Urinal Nuisances under Inspection | ... | ... | | | 76 | |
| II. Inspections consequent on Complaints | { | Houses and other Premises visited | ... | ... | ... | ... | 8,235 | |
| | | Works executed | ... | ... | ... | ... | 1,457 | |

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.

RETURN showing the amount in the Pound levied by the Vestry, during the Thirties ending October, 1879, 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:—

| Half-year commencing at | Rate in the Pound. | 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. | TOTAL. | POOR. | | | | | | | | SEWERS. | GENERAL. | MAIN DRAINAGE. | METRO. CONSOLIDATED. | | | |
| | | | | | | | | | Metropolitan Common Poor Fund. | Police. | County. | 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. | VIII. | IX. | X. | XI. | XII. | XIII. | XIV. | XV. | XVI. | XVII. | XVIII. | TOTAL. | | | | | |
| 1867, April | s. d. | d. | d. | d. | ... | d. | 9-485 | 28 | 3-453 | 1-64 | ... | ... | ... | 3-17 | ... | ... | ... | 11-54 | | | | | |
| " October | 1 9 | 61 | 15 | 6 | 825 | 5 | 6-707 | 45 | 4-87 | 2-005 | ... | ... | 501 | ... | ... | 3-45 | ... | 14-27 | | | | | |
| 1868, April | 1 8 | 13 | 15 | 6 | 72 | ... | 8-85 | 57 | 3-5 | 2-15 | ... | 12 | ... | 1-77 | ... | ... | ... | 11-11 | | | | | |
| " October | 1 9½ | 18 | 15 | 5 | 5 | 04 | 7-22 | 39 | 5-28 | 1-98 | ... | 11 | 05 | 46 | ... | 2-95 | ... | 14-22 | | | | | |
| 1869, April | 1 9 | 1-19 | 15 | 4-5 | 476 | ... | 7-66 | 36 | 4-1 | 2-58 | 1-51 | 13 | 06 | 1-58 | ... | ... | ... | 13-32 | | | | | |
| " October | 2 0 | 17 | 1 | 5-5 | 5 | 13 | 7-3 | 39 | 5-59 | 1-79 | 1-59 | 11 | 05 | 44 | ... | ... | 3-36 | 16-62 | | | | | |
| 1870, April | 2 1 | 13 | 15 | 6 | ... | 14 | 7-77 | 37 | 3-91 | 2-66 | 1-69 | 46 | 06 | ... | ... | ... | 3-35 | 17-2 | | | | | |
| " October | 1 11 | 19 | 1 | 5 | ... | 03 | 6-22 | 36 | 5-39 | 1-57 | 1-64 | 4 | 09 | ... | ... | 2-96 | ... | 16-71 | | | | | |
| 1871, April | 1 6½ | 11 | 1 | 4-5 | ... | 5 | 6-11 | 32 | 4-8 | 1-64 | 1-43 | 48 | 08 | ... | ... | ... | ... | 12-35 | | | | | |
| " October | 1 9½ | 4 | 15 | 5-57 | ... | 005 | 7-475 | 37 | 3-45 | 1-89 | 1-71 | 92 | 12 | ... | 43 | ... | 49 | 13-98 | | | | | |
| 1872, April | 1 6½ | 1 | 15 | 4-13 | 38 | 01 | 6-12 | 32 | 2-91 | 1-62 | 2-44 | 14 | 19 | 04 | 11 | 37 | 1-47 | 12-31 | | | | | |
| " October | 1 7 | 19 | 1 | 5 | 5 | 01 | 6-7 | 21 | 3-13 | 1-47 | 2-6 | 55 | 24 | 04 | ... | ... | 98 | 12-22 | | | | | |
| 1873, April | 1 8 | 45 | 1 | 4-7 | 49 | 07 | 6-71 | 35 | 3-29 | 1-46 | 2-54 | 61 | 16 | 04 | 006 | 29 | 1-49 | 13-33 | | | | | |
| " October | 1 8½ | 21 | 1 | 6-15 | 5 | 986 | 8-846 | 39 | 3-29 | 1-46 | 2-12 | 45 | 39 | 15 | 014 | 35 | ... | 11-61 | | | | | |
| 1874, April | 1 11 | 15 | 15 | 4-18 | 49 | 22 | 6-54 | 27 | 2-77 | 1-23 | 4-22 | 605 | 52 | 19 | 006 | 1-31 | ... | 2-27 | 16-39 | | | | |
| " October | 1 9 | 15 | 15 | 6-74 | 5 | 07 | 8-96 | 11 | 1-81 | 1-2 | 2-1 | 34 | 57 | 19 | ... | 76 | ... | 1-92 | 12 | | | | |
| 1875, April | 1 8½ | 09 | 1 | 5-13 | ... | 13 | 6-35 | 9 | 1-74 | 1-26 | 3-81 | 52 | 53 | 19 | ... | 1-36 | ... | 2-86 | 14-17 | | | | |
| " October | 1 9½ | 18 | 1 | 4-8 | 5 | 02 | 6-5 | 39 | 2-52 | 1-44 | 2-44 | 76 | 65 | ... | 68 | 1-19 | ... | 2-48 | 14-95 | | | | |
| 1876, April | 1 7 | 07 | 1 | 4-38 | ... | 02 | 5-47 | 32 | 1-65 | 1-04 | 3-38 | 64 | 47 | ... | 18 | 1-62 | ... | 2-47 | 13-47 | | | | |
| " October | 1 11 | 26 | 1 | 5-78 | 5 | 02 | 7-56 | 35 | 2-61 | 2-08 | 2-32 | 63 | 76 | 25 | ... | 1-71 | ... | 2-47 | 15-38 | | | | |
| 1877, April | 1 7½ | 07 | 1 | 5-17 | ... | 02 | 6-26 | 35 | 1-66 | 1-03 | 3-1 | 76 | 52 | ... | 108 | 2-33 | ... | 1-98 | 13-238 | | | | |
| " October | 1 11 | 13 | 5 | 5-83 | 5 | 02 | 6-98 | 33 | 2-2 | 1-3 | 3-96 | 73 | 69 | ... | 31 | 2-16 | ... | 2-47 | 15-95 | | | | |
| 1878, April | 1 8 | 06 | 1 | 5-77 | ... | 002 | 6-832 | 38 | 1-68 | 83 | 2-99 | 73 | 62 | ... | 08 | 2-23 | ... | 2-47 | 13-11 | | | | |
| " October | 1 11 | 12 | 5 | 5-9 | 5 | 18 | 7-2 | 38 | 2-91 | 96 | 3-46 | 65 | 74 | ... | 27 | 2-09 | ... | 2-81 | 15-77 | | | | |
| 1879, April | 1 10 | 08 | 1 | 6-02 | ... | 02 | 7-12 | 3 | 2-09 | 1-04 | 1-84 | 93 | 86 | ... | 29 | 3-6 | ... | 2-47 | 14-92 | | | | |
| " October | 1 11 | 16 | 1 | 5-81 | 5 | 02 | 7-49 | 3 | 2-51 | 1-09 | 2-18 | 84 | 95 | ... | 35 | 2-19 | ... | 2-98 | 15-49 | | | | |

By Order,
FRANK DETHRIDGE,
Vestry Clerk.

N.B.—The Roman Numerals at the head of each column 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. IV., 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. III., Cap. 45 (A.D. 1818).
- VII. *Poor Rate proper*.—43 Eliz., Cap. 2 (A.D. 1601).
- VIII. *Police Rate*.—10 Geo. IV., Cap. 44 (A.D. 1829).
- IX. *County Rate*.—12 Geo. II., Cap. 29 (A.D. 1738).
- X. *Common Poor Fund Rate*.—30 and 31 Vic., Cap. 6 (A.D. 1867).
- XI. *Metropolitan Asylum District 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).

PADDINGTON.

RETURN showing the amount in the pound levied by the Vestry during the Thirteen Years ended October, 1879, 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 | 78 | 3 4 | 13 0 0 | 1 1 $\frac{1}{2}$ | 4 7 9 | | 2 2 $\frac{1}{2}$ | 8 12 3 | |
| | | (New Valuation) | | | | | | | | | |
| 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 | 88 | 3 6 | 15 8 0 | 1 1 | 4 15 4 | | 2 5 | 10 12 8 | |
| | | (New Valuation) | | | | | | | | | |
| 1877 | 12,953 | 1,098,262 | 84 | 3 6 $\frac{1}{2}$ | 14 17 6 | 1 1 $\frac{1}{4}$ | 4 12 9 | | 2 5 $\frac{1}{4}$ | 10 4 9 | |
| 1878 | 13,125 | 1,115,550 | 84 | 3 7 | 15 1 0 | 1 2 | 4 18 0 | | 2 5 | 10 3 0 | |
| 1879 | 13,275 | 1,125,644 | 84 | 3 9 | 15 15 0 | 1 2 $\frac{1}{2}$ | 5 1 6 | | 2 6 $\frac{1}{4}$ | 10 13 6 | |

Printed by order of the Finance Committee,

FRANK DETHRIDGE,

Vestry Clerk.

APPENDIX.

Paddington Freehold Charity Account, for the Year ending 31st December, 1879.

| 1879. | RECEIPTS. | £ | s. | d. |
|---|-----------|---------------|----------|----------|
| To Balance in hand brought from last year's Account | ... | 1 | 1 | 0 |
| „ Amount of Rents received during the year | ... | 1,018 | 13 | 0 |
| „ Amount received from Mr. H. Symons, being amount of portion of Apprenticeship Premium received from him pursuant to order of the Police Magistrate on the cancelling of the Indenture of Apprenticeship (Crafton to Symons) | ... | 1 | 10 | 0 |
| „ Amount received from the Commissioners of Income Tax, being amount of Property Tax refunded by them to the Trustees | ... | 28 | 3 | 0 |
| | | <u>£1,049</u> | <u>7</u> | <u>0</u> |

| 1879. | PAYMENTS. | £ | s. | d. |
|--|-----------|---------------|----------|----------|
| By Paid Messrs. Budd & Son for one Year's Tithe Rent Charge for land in Westbourne Grove | ... | 0 | 18 | 5 |
| „ Paid Messrs. Morton & Burt for Printing | ... | 1 | 1 | 9 |
| „ Paid Clerk to the Trustees a year's Salary to Christmas, 1879 | ... | 30 | 0 | 0 |
| „ Cash carried to Apprenticing Fund Account | ... | 203 | 9 | 5 |
| „ „ „ to Coal and Blanket „ | ... | 203 | 9 | 5 |
| „ „ „ to Charity School „ | ... | 610 | 8 | 0 |
| | | <u>£1,049</u> | <u>7</u> | <u>0</u> |

The Apprenticing Fund Account.

| 1879. | £ | s. | d. |
|--|-------------|-----------|----------|
| To Balance in hand brought from last year's Account | ... | 259 | 14 11 |
| „ Amount brought from General Account | ... | 203 | 9 5 |
| „ Amount of three Cheques cancelled (Nos. 119, 132, & 133) | ... | 37 | 10 0 |
| | <u>£500</u> | <u>14</u> | <u>4</u> |

| 1879. | £ | s. | d. |
|---|-------------|-----------|----------|
| By Paid the First Moiety of Premiums with 26 Apprentices | ... | 325 | 0 0 |
| „ Paid the remaining Moieties of Premiums with 4 Apprentices | ... | 50 | 0 0 |
| „ Paid Solicitor for preparing Indentures of Apprenticeship | ... | 1 | 8 8 |
| „ Paid Mr. Walker for services rendered on enquiries as to responsibility of proposed Masters | ... | 2 | 2 0 |
| „ Paid for Advertisements | ... | 1 | 18 6 |
| Balance in hand | ... | 120 | 5 2 |
| | <u>£500</u> | <u>14</u> | <u>4</u> |

PADDINGTON FREEHOLD

*The Bread and**(Devoted to purchase*

| 1879. | £ | s. | d. |
|--|-----|----|----|
| To Balance in hand brought from last year's Account | 105 | 6 | 9 |
| „ Amount brought from General Account | 203 | 9 | 5 |

£308 16 2

The Charity School

| 1879. | £ | s. | d. |
|---|-----|----|----|
| To Amount brought from General Account | 610 | 8 | 0 |

Paddington Enfranchised Copyholds Charity Estate

| 1879. | £ | s. | d. |
|--|-----|----|----|
| To Balance in hand brought from last year's Account | 1 | 1 | 0 |
| „ Amount of Rents received during the year | 274 | 3 | 4 |
| „ Amount of a year's Dividends on £10,201 6s. 11d. Consols ... | 299 | 13 | 4 |
| „ Amount received from the Commissioners of Income Tax, being amount of Property Tax refunded by them to the Trustees | 8 | 8 | 0 |

583 5 8

CHARITY ACCOUNT—Continued.

*Cheese Fund Account.**(Devoted to purchase*

| 1879. | £ | s. | d. |
|---|-----|----|----|
| By Paid Mr. Unite for Coal Sacks | 1 | 10 | 0 |
| „ Paid Mr. Herbert Clarke for 100 Tons of Coals, at 18s. 11d. per Ton | 94 | 11 | 8 |
| „ Paid Mr. Brooks for delivery of Coals at abodes of recipients of Tickets | 18 | 0 | 3 |
| „ Paid Mr. Stevens and Mr. Jaycocks for attendance at the Parish Wharf to deliver Coals, at 25s. each | 2 | 10 | 0 |
| „ Paid Mr. Stevens for keeping account of reception of Coals, and disposal of same by Coal Tickets | 1 | 5 | 0 |
| „ Paid Mr. Webb for 140 pairs of Blankets, at 10s. 8d. per pair | £74 | 13 | 4 |
| Whipping ditto | 1 | 15 | 0 |

76 8 4

Balance in hand 114 10 11

£308 16 2

Fund Account.

| 1879. | £ | s. | d. |
|--|-----|----|----|
| By Paid to the Chairman of the several School Committees ... | 610 | 8 | 0 |

Account, for the Year ending 31st December, 1879.

| 1879. | £ | s. | d. |
|--|-----|----|----|
| By Paid Clerk to Trustees a year's Salary to Christmas, 1879 ... | 30 | 0 | 0 |
| „ Paid „ „ for services in preparation of State- ments laid before the Commissioners of Inland Revenue for return of Property Tax allowed by the Trustees to their Tenants | 1 | 1 | 0 |
| „ Paid Solicitor for Law Expenses | 1 | 16 | 10 |
| „ Paid Messrs. Morton & Burt for Printing (1878) | 0 | 17 | 3 |
| „ Cash carried to Apprenticing Fund Account... .. | 109 | 18 | 2 |
| „ „ „ to Coal and Blanket „ | 109 | 18 | 2 |
| „ „ „ to Charity School „ | 329 | 14 | 3 |

£583 5 8

PADDINGTON ENFRANCHISED COPYHOLDS CHARITY ESTATE ACCOUNT—Continued.

The Apprenticing Fund Account.

| 1879. | £ | s. | d. |
|---|-------|----|----|
| To Amount brought from General Account | 109 | 18 | 2 |
| | <hr/> | | |
| | £109 | 18 | 2 |

Fund Account.

| 1879. | £ | s. | d. |
|---|-------|----|----|
| By Balance overpaid | 5 | 7 | 3 |
| By Paid remaining Moieties of Premiums with 4 Apprentices ... | 50 | 0 | 0 |
| Balance in hand | 54 | 10 | 11 |
| | <hr/> | | |
| | £109 | 18 | 2 |

*The Bread and Cheese Fund Account.**(Devoted to purchase of Coals and Blankets.)*

| 1879. | £ | s. | d. |
|--|-------|----|----|
| To Balance in hand brought from last year's Account | 51 | 8 | 4 |
| „ Amount brought from General Account | 109 | 18 | 2 |
| | <hr/> | | |
| | £161 | 6 | 6 |

| 1879. | £ | s. | d. |
|---|-------|----|----|
| By Paid Mr. Unite for Coal Sacks... .. | 1 | 10 | 0 |
| „ Paid Mr. Herbert Clarke for 50 Tons of Silkstone Coals, at 18s. 11d. per ton | 47 | 5 | 10 |
| „ Paid Mr. Brooks for delivery of Coals at abodes of recipients of Tickets | 18 | 0 | 3 |
| „ Paid Mr. Stevens and Mr. Jaycocks for attendance at the Parish Wharf to deliver Coals, at 25s. each | 2 | 10 | 0 |
| „ Paid Mr. Stevens for keeping account of reception of Coals, and disposal of same by Coal Tickets | 1 | 5 | 0 |
| „ Paid Mr. Webb for 70 pairs of Blankets, at 10s. 8d. per pair | £37 | 6 | 8 |
| Whipping ditto | 0 | 17 | 6 |
| | <hr/> | | |
| Balance in hand | 52 | 11 | 3 |
| | <hr/> | | |
| | £161 | 6 | 6 |

The Charity School Fund Account.

| 1879. | £ | s. | d. |
|---|-----|----|----|
| To Amount brought from General Account | 329 | 14 | 3 |

| 1879. | £ | s. | d. |
|--|-----|----|----|
| By Paid to the Chairman of the several School Committees ... | 329 | 14 | 3 |

The Almshouse Ground Charity Account for the Year ending 31st December, 1879.

| 1879. | £ | s. | d. |
|---|-------------|----------|----------|
| To Balance in hand brought from last year's Account | 110 | 12 | 6 |
| „ Amount of Rents received during the year | 210 | 10 | 7 |
| „ Amount of a year's Dividend on £350 14s. 8d. Consolidated Three per cent. Annuities | 10 | 10 | 4 |
| „ Amount received from Commissioners of Income Tax, being Amount of Property Tax allowed by the Trustees during the Three Years ending 6th April, 1878, and subsequently recovered by the Clerk to the Trustees | 6 | 13 | 2 |
| | <u>£338</u> | <u>6</u> | <u>7</u> |

| 1879. | £ | s. | d. |
|---|-------------|----------|----------|
| By Paid Pensioners during the year | 120 | 8 | 4 |
| „ Paid Treasurer of St. Mary's Girls and Infants' Schools, for hire of a suitable House for the residence of School- mistress and Assistants, pursuant to the Scheme | 50 | 0 | 0 |
| „ Paid Clerk to the Trustees a year's Salary to 7th August last | 10 | 0 | 0 |
| „ Paid Messrs. Morton and Burt for Printing | 0 | 16 | 6 |
| Balance in hand | 157 | 1 | 9 |
| | <u>£338</u> | <u>6</u> | <u>7</u> |

The Marion Mayne Charity Account for the Year ending 31st December, 1879.

| 1879. | £ | s. | d. |
|---|-------------|-----------|----------|
| To Balance in hand brought from last year's Account | 195 | 1 | 5 |
| „ Cash received, being one year's Dividend on £5,516 7s. 7d. Consolidated Three per cent. Annuities | 165 | 9 | 10 |
| | <u>£360</u> | <u>11</u> | <u>3</u> |

| 1879. | £ | s. | d. |
|--|-------------|-----------|----------|
| By Paid Pensioners during the year | 98 | 16 | 0 |
| „ Paid Vestry of Paddington, contribution towards maintenance of Paddington Green, pursuant to Scheme (1878) | 35 | 0 | 0 |
| „ Paid Clerk to the Trustees a year's Salary to 14th September last | 10 | 0 | 0 |
| „ Paid Messrs. Morton & Burt for Printing | 0 | 8 | 6 |
| Balance in hand | 216 | 6 | 9 |
| | <u>£360</u> | <u>11</u> | <u>3</u> |

Paddington.

SCHEDULE

OF THE WHOLE OF THE

PAROCHIAL CHARITIES,

Shewing the names of the Trustees of such Charities, the description and income of the Property belonging thereto, and the mode of distribution, prepared by the Vestry Clerk, pursuant to "Metropolis Local Management Act" (18 and 19 Vic. c. 120 s. 199).

| Name of Charity. | Names of Trustees, &c. | Description of Property. |
|--|---|---|
| Freehold Estate ... | Charles M. Roche, Esq. R. C. Greator, Esq. Charles Braid, Esq. William Ellis, Esq. | Freehold Ground Rents on Nos. 75 to 89 Lancaster Gate (both inclusive) and Ornamental Garden Inclosure Freehold Ground Rents on Houses in Hatherley Grove, and 2 Houses in Westbourne Grove |
| Enfranchised Copyholds | Robert Evans, Esq. John Wilson, Esq. Mr. William Urquhart. William Naylor, Esq. John H. Hunter, Esq. | Ground Rents on Nos. 82 to 87 Harrow Road (both inclusive) Dividends on £10,201 6s. 11d.—3 per Cent. Consols The site of the Girls and Infants' Schools of St. Mary |
| Almshouse Charity (As settled by scheme in Chan- cery dated 7th August, 1871) | Rev. Walter Abbott, M.A. (as Vicar of Paddington) Rev. J. W. Buckley (as Vicar of St. Mary's, Paddington) F. J. Prescott, Esq. William Ellis, Esq. Thomas Chew, Esq. Charles M. Roche, Esq. (One vacancy) | Ground Rents on Nos. 1, 2, 3, 4 and 5 Romilly Terrace, Harrow Road, £90, and Engine House, Hermitage Street, £100 and Dividends on £350 14s. 8d.—3 per Cent. Consols Dividends arising out of £160 2s. 2d. 3 per cent. Consols (formerly King's Charity) |
| Marion Mayne's Charity | Rev. Walter Abbott, (as Vicar of Paddington) Rev. J. W. Buckley, (as Vicar of St. Mary's, Paddington) Mr. S. Etherington, and Mr. H. A. Spencer, (as Churchwardens of Paddington) P. Beach, Esq. (One vacancy by death of E. Haynes, Esq.) (as Churchwardens of St. Mary, Paddington) | Dividends arising out of £5,516 7s. 7d. Consolidated £3 per Cent. Annuities |

| Present Annual Income of Property. | Mode of Distribution. | Remarks. |
|---------------------------------------|---|----------|
| £620 (less Property Tax) | One-fifth of the sums at the disposal of the Trustees is applied in apprenticing Sons and Daughters of Poor Parishioners One other fifth in distribution of Coals and Blankets | |
| £420 (less Property Tax) | The remaining three-fifths are paid to the Chairmen of the Parochial National and Infant Schools in aid of such Schools (pursuant to Order of the Court of Chancery, dated 12 December, 1837) | |
| £280 (less Property Tax) | Same as that of Freehold Estate (pursuant to Order of the Court of Chancery, dated 12 December, 1837) | |
| £299 13 4 ... | | |
| None ... | To be held for use of such Schools | |
| ... | £50 per Annum to the Treasurer of the Girls' and Infants' Schools in St. Mary, Paddington, in aid of such Schools | |
| £190 (less Property Tax) | One Pension of £15 per annum to a decayed Inhabitant of this Parish Ten Pensions of £10 per annum to decayed Inhabitants of this Parish | |
| £10 10s. 4d. (less Property Tax) | | |
| £165 9 9 ... | By the Scheme approved by the Master of the Rolls on the 22nd day of June, 1872, the Trustees are to apply the Sum of £5 per annum in keeping in repair the tablets, tombstones, and grave-stones of Marion Mayne and others; to pay the Vestry of the Parish of Paddington the Sum of £35 per annum towards the maintenance in good order of Paddington Green; to distribute to poor deserving residents of Paddington a sum not exceeding £50 in any one year, and to grant annuities not exceeding six shillings per week each to poor aged persons, residents in Paddington | |

| Name of Charity. | Names of Trustees, &c. | Description of Property. |
|--|--|---|
| Abourne's Charity | The Churchwardens for the time being act as Trustees | Dividends on £300 reduced Bank Annuities, receivable annually by the Churchwardens from the Charity Commissioners |
| Johnson's Charity | The Churchwardens for the time being act as Trustees | One year's quit rent, issuing out of Nos. 14, 15, 16, and 17 Paddington Green, and payable to the Churchwardens annually on St. Thomas' Day (21 Dec.) |
| Two sums of Three Pounds from the Minister of the Parish, and the Parish Clerk, annually. | | |
| A sum of Two Pounds, receivable annually from the Churchwardens of St. George's Hanover Square, in lieu of Parochial Rates for Burial Ground in Uxbridge Road | | |
| A sum of Fifteen Pounds, receivable annually by the Churchwardens from the Bishop of London, for the Waste in Paddington Manor, less £12, rent payable to his Lordship for part of the Church-yard | | |
| Harvist's Estate . | Metropolis Roads Commissioners | Proportion of Rents received by the Vestry Clerk from the Metropolis Roads Commissioners |
| Lyon's Estate ... | Metropolis Roads Commissioners | Ditto |
| Haines' Charity ... | The Minister and Churchwardens of the old church at Paddington | Dividends on £150 3 per cent. Bank Annuities, under the Will of the late George Haines, Esq., of Wilton House, Eaton Square. |

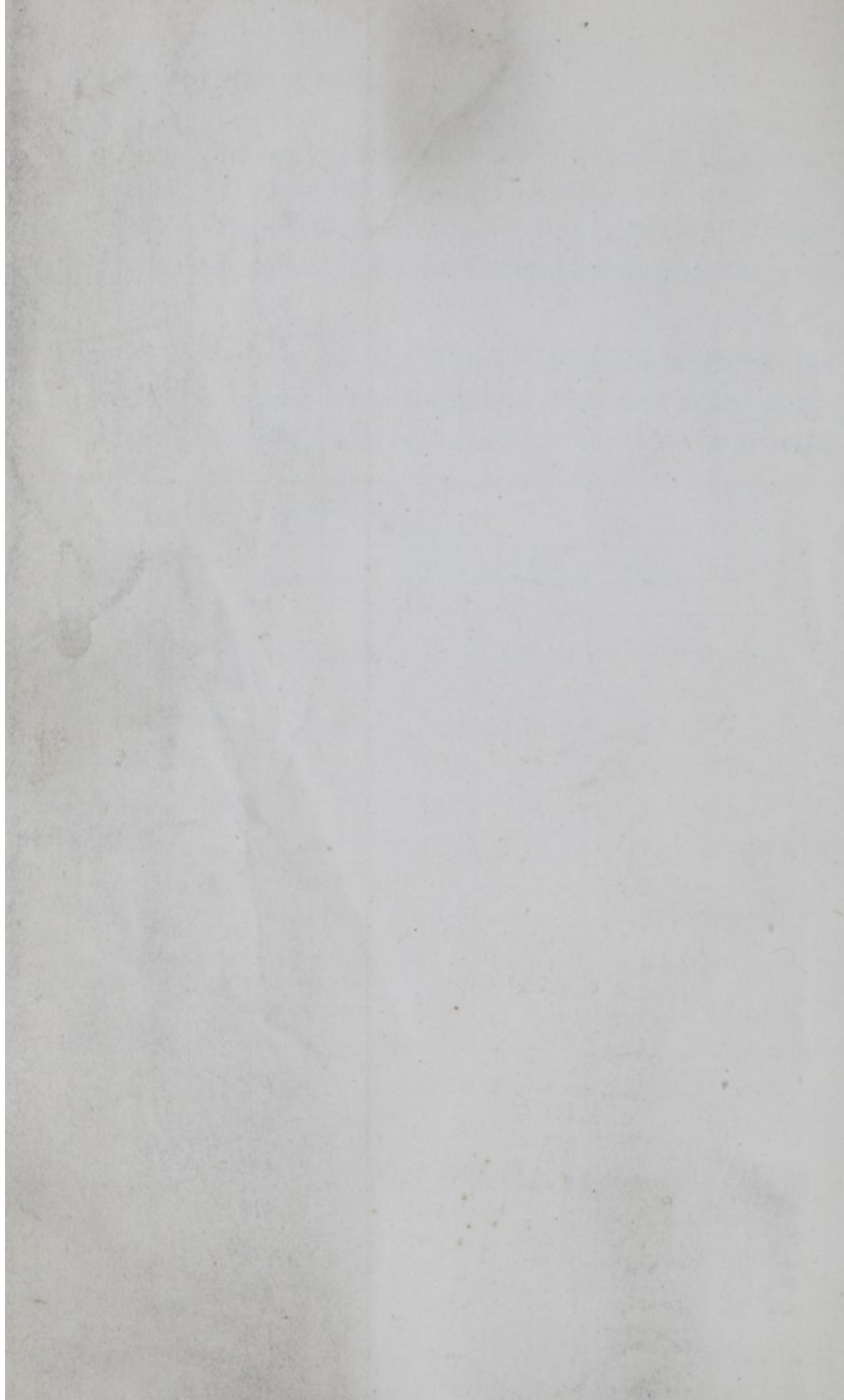
| Present Annual Income of Property. | Mode of Distribution. | Remarks. |
|--|---|----------|
| £9 | The Donor directed the sum to be distributed by the Churchwardens of Paddington in Meat and Bread to poor Parishioners | |
| £1 | Distributed by the Churchwardens to the Poor, in small sums | |
| £6 | Received by the Churchwardens, and by them paid to the General Fund of St. Mary's, Paddington | |
| £2 | Received by the Vestry Clerk, and paid in by him to the credit of the Vestry General Account | |
| £3 | Received by the Churchwardens, and by them paid to the General Fund of St. Mary's, Paddington | |
| £404 19s. 6d. (for the year ending 25th March, 1880) | Applied towards the repair of the Highway from Tyburn to Edgware | |
| £132 11s. 3d. (for the year ending 25th March, 1880) | Applied towards the repair of the Highway in the Harrow Road | |
| £4 10s (less Property Tax) | Applied towards keeping in repair the Tomb of the Father and Mother of the Testator, in Paddington Church-yard; the residue to be distributed to Poor Parishioners in Bread and Coals | |

By Order of the Vestry,

FRANK DETHRIDGE,

Vestry Clerk.

VESTRY HALL, HARROW ROAD.



Paddington.

SANITARY REPORT

FOR THE YEAR

1879.

BY

JAMES STEVENSON, M.D.,

Medical Officer of Health.

Washington

SANITARY REPORT

FOR THE YEAR

1879.

212

JAMES STEVENSON, M.D.

Medical Officer of Health

FIFTH ANNUAL REPORT.

To the Vestry of the Parish of Paddington.

GENTLEMEN,

A necrological survey of Paddington in the year 1879 discloses a higher death rate than has obtained in any year since 1875. Assuming for the moment the correctness of each year's estimate of the population, and not doubting the accuracy in point of numbers of the death returns, the unwelcome fact above stated is indisputable. An examination, however, of the tables appended, will show that the higher death rate is due to the greater mortality from diseases of the respiratory organs, which were unusually fatal; the result of an exceptionally cold winter. In the case of persons aged sixty years and upwards, the death rate during the winter months is for the most part a question of temperature, as it is mainly determined by it. It is moreover not improbable that an estimate formed in 1879, and based upon data supplied by the census of 1871, is incorrect. Whether this be so or not the next census will declare. It is certain that in estimating the population the method

pursued by the late Registrar General, that is to say, "by adding to the population as enumerated at the last census a tenth of the difference between that number and the number obtained at the previous census for each year that has elapsed since the last census, and a fortieth of that difference for each odd quarter," is incorrect. It assumes an arithmetical instead of a geometrical progression in the increase of population.

Notwithstanding the trouble and expense involved in numbering the people, it would be well, having regard to the importance of obtaining accurate vital statistics, which are necessarily based upon the numbers of a living existent population, if the census were taken in England every five years, as it is on the continent. A knowledge of the movements and distribution of populations, the recognition of the rapid growth of new industrial centres, and of the enlargement of old ones, of the continual influx and efflux of persons to and from the larger towns, and of the permanent drain by emigration, more particularly in times like the present, is necessary in order to ascertain each year the *actual* as distinct from the *natural* increase of population, and to determine with accuracy birth rates and death rates, and the multiform questions arising out of them—questions to statesmen, and to all who are charged

with the health of the people, of the highest importance, and demanding their first consideration.

During the registration year of 53 weeks ending 3rd January, 1880, 2,912 births and 2,119 deaths were registered in Paddington. In the annexed tables 1,939 of these deaths are dealt with, the remaining 180 being those of non-parishioners. The recorded natural increase of the population from the excess of births over deaths was therefore 973. Assuming, as in former years, a further increase from the immigration of persons from other parts of London and from the country, the population in the middle of last year may be estimated at 113,629, allowing 74,496 to St. Mary's, and 39,133 to St. John's sub-districts.

Of the 2,912 births, comprising 1,477 male and 1,435 female children, 2,180 were registered in the sub-district of St. Mary's, and 732 in that of St. John's.

The proportion of the sexes was 100 males to 97 females—in the metropolis it was 100 males to 98 females.

In St. Mary's the proportion was 100 males to 96 females, and in St. John's 100 males to 97 females.

The births were most numerous during the first, and least so in the third, quarter of the year. The

ratio of the births to the entire population of the parish was 1 birth to every 39 inhabitants, or a birth rate of 25·6 per 1,000 of the population.

In St. Mary's sub-district the ratio of births to the population was 1 to 34 persons *living*, or a birth rate of 29·3 per 1,000 inhabitants.

In St. John's the ratio of births to the population was 1 to every 53 persons *living*, or a birth rate of 18·7.

Some of the preceding particulars are shewn in the subjoined table:—

| Sub-Districts. | Estimated Population. | Births. | Ratio of Births to Population. | Rate per 1,000. |
|-------------------|-----------------------|---------|--------------------------------|-----------------|
| St. John's | 39,133 | 732 | 1 to 53 | 18·7 |
| St. Mary's | 74,496 | 2,180 | 1 to 34 | 29·3 |
| Paddington | 113,629 | 2,912 | 1 to 39 | 25·6 |

The birth rate for London was 36·5 per 1,000.

The long-continued commercial depression allowing of fewer marriages is a probable explanation in part of the lower birth rate throughout the parish, and generally throughout England and Wales.

The total deaths registered in Paddington were, as already stated, 2,119. Of these 3 happened in

the Lock Hospital and 241 in St. Mary's Hospital. As 2 of the former and 178 of the latter were those of non-parishioners, their deaths are excluded from consideration in this Report.

Of the remaining 1,939 deaths 1,383 occurred in St. Mary's sub-district and 556 in St. John's. The 183 deaths in the Workhouse—83 males and 100 females—are included in the deaths in St. Mary's sub-district, as is also one of the deaths in the Lock Hospital.

The deaths were most numerous during the first, and least so in the third, quarter of the year.

The following Table shows the ratio of deaths to the population, and the death-rate per 1,000 in the Parish, and in its two Sub-districts:—

| Sub-Districts. | Estimated Population. | Deaths. | Ratio of Deaths to Population. | Rate per 1,000. |
|-------------------|-----------------------|---------|--------------------------------|-----------------|
| St. John's | 39,133 | 556 | 1 to 70 | 14·2 |
| St. Mary's | 74,496 | 1,383 | 1 to 54 | 18·6 |
| Paddington | 113,629 | 1,939 | 1 to 59 | 17·06 |

In calculating the death rate, no allowance has been made for the deaths unknown to me of parishioners in the Hospitals of the Metropolitan Asylums Board, and in other hospitals, institutions, and places outside the parish; but the deaths in the

parish of persons who were not parishioners may be considered to some extent as a set-off against such deaths.

In 1879 the death rate for London was 23·3 per 1,000.

| | | | | | |
|---|---|-------------------|---|------|---|
| „ | „ | Edinburgh | „ | 19·7 | „ |
| „ | „ | Glasgow | „ | 21·7 | „ |
| „ | „ | Dublin | „ | 35·1 | „ |
| „ | „ | England and Wales | „ | 21·0 | „ |

The evidence of improved sanitation throughout the Metropolis generally is seen in the reduction of the death rate which for some years has been going on—though not in equal proportions—in each one of the five groups of registration districts. The reduction has been most marked in the west and south districts.

Deaths Registered in the London Districts.

| | 1875. | 1876. | 1877. | 1878. | 1879. |
|----------------|---------|-------|-------|-------|-------|
| West Districts | ...22·2 | 21·0 | 19·2 | 21·6 | 21·1 |
| North „ | ...22·3 | 21·4 | 21·8 | 22·3 | 22·0 |
| South „ | ...24·0 | 22·1 | 21·4 | 24·2 | 23·3 |
| East „ | ...25·6 | 24·0 | 24·5 | 25·0 | 25·7 |
| Central „ | ...26·1 | 24·1 | 24·1 | 25·0 | 26·0 |

Deaths and Death-rates.

When considering the death-rates and comparing them with those of former years, it should be borne in mind that the year 1877 was exceptionally healthy.

Notwithstanding, however, the greater mortality of 1878 and 1879, the death-rates from all causes during the quinquennium 1875-79 favourably compare with those of the previous quinquennial or decennial periods, as will be seen on referring to Table II. With a larger estimated population, the deaths of infants under one year and of children under five years of age were absolutely fewer in 1879 than in the years 1878, '76, or '75. Of the 2,912 children born in the parish 403 died during their first year of life, being 20·8 per cent. of the total deaths, and 13·8 per cent. of the registered births, or 208 per 1,000 deaths and 138 per 1,000 births. In the 20 largest English towns the corresponding rate was 151, and in London 148, per 1,000 registered births. The total deaths of children under five years of age were 677. This represents 35 per cent. of the entire mortality—that is to say, of every three deaths which happened in the parish during the past year, one was of a child under five years of age. This mortality, though greatly in excess of what it ought to have been, has in London during the last eight years, 1871-78, declined 7 per cent. A still greater reduction, amounting to 25 per cent., has, during the same period, been effected at the ages between five and ten years.

Zymotic Diseases.

From the seven principal zymotic diseases 243

deaths occurred, the death-rate being, as is shewn in Table IV., 2·1 per 1,000 of the population, the same as in 1877, whereas in London it was 3·3. Whilst the above figures represent all the deaths which actually occurred in the parish from those diseases, they do not include the cases of small-pox and of scarlet fever which were removed to the hospitals outside the parish.

Small-pox.

From small-pox three deaths occurred in the parish. In my last Annual Report some particulars are given of 25 cases which came under the notice of the Sanitary Department during the first eleven months of the year 1879. In December one other case was removed from St. John's. Of the 26 cases in all removed during the year—8 from St. Mary's and 18 from St. John's—6 were sent to the Small-pox and Vaccination Hospital at Highgate, and 20 to the hospitals of the Metropolitan Asylum Board. In London the deaths from small-pox were 2,544 in 1877, 1,416 in 1878, and 458 in 1879.

Measles.

Measles, which in London was more than usually fatal, caused 29 deaths in Paddington, 27 being of children under five years of age. The proportion of deaths to every 1,000 deaths was 15·0; in London it was 29·0.

Scarlet Fever.

Scarlet fever was more fatal than usual and caused 67 deaths. 27 cases were sent to the hospitals; 2 to the London Fever Hospital, and 25 to the hospital at Stockwell. Of the 27 cases 17 were from St. Mary's and 10 from St John's sub-district.

Diphtheria.

Diphtheria was more fatal than usual and caused 26 deaths, being at the rate of 13·4 per 1,000 deaths; in London the proportion was 6·9.

Whooping Cough.

Whooping cough, which in London was more than usually fatal, caused 61 deaths, the proportion of deaths to every 1,000 deaths being 31·5. In London it was 35·0.

Fever.

The Registrar-General remarks that "evidence of the improved sanitary condition of London is afforded by the reduction of the mortality by fever, the death rate from which has been reduced from 9·2 in the thirty years 1841-70 to 3·9 in the nine years 1871-79; it was the cause of 1,099 deaths in 1879, a number considerably below the corrected average." In Paddington typhoid fever caused 16

deaths, being at the rate of 8·3 per 1,000 deaths; whereas in London it was 10·0.

Diarrhœa.

Owing to the low temperature during the summer of 1879 the deaths from diarrhœa were remarkably few, being in London little more than half of the number in the previous year. In Paddington diarrhœa caused 38 deaths, of which 28 were of children under 1 year of age, and were therefore cases of infantile diarrhœa. The proportion of deaths was 19·6 per 1,000 deaths. In London it was 22·4 per 1,000 of the total deaths in the year.

Vaccination.

Table VII., supplied by Mr. Dudman, furnishes the Vaccination statistics of the year. 13 children were certified to be insusceptible of vaccination. Those who are most conversant with the subject will be the first to admit that cases of insusceptibility of vaccination are extremely rare, much more so than is represented by the above numerals.

Sanitary Work.

Table VI. shows in part the Sanitary work done by the Inspectors during the parochial year, and affords convincing evidence, if such were needed, of the necessity for their services. With the increase

of houses and of population, those services are likely to be every year in greater request.

The Canal Basin.

Upon the condition of the Canal Basin much consideration has been bestowed by the Sanitary and Public Health Committee. It at all times demands the attention of the Sanitary Inspector. The bottom of the Basin is covered with ooze irregularly distributed over it—the largest deposits being in the centre—consisting mostly of decomposed animal and vegetable substances, with more or less earthy matter, which have accidentally fallen from the wharves on either side of it and from the boats in the course of their being loaded and unloaded. Much of the excreta from persons living in the boats when in the Basin is thrown into it. Bilge water, the liquid from offensive cargoes, and surface water from the wharves, find their way into it. The ooze, soft mud or slime, nearly black in colour and amounting to several thousand tons, varies in thickness from a few inches to three feet. This was ascertained by me, with the help of Inspector Biorn, by means of measuring rods in 1878, and again within the last few days by Inspector Clifford.

In front of some of the wharves, from carelessness in loading the boats, there are still larger

foul deposits. Such being the normal condition of the Basin itself, it necessarily follows that the water, however frequently changed, speedily becomes loaded with organic impurities. Ocular demonstration of this fact is unnecessary. Given a body of stagnant water, to which additions are daily made of putrescible materials, let it be subjected to every change of temperature, and let the mud at the bottom, consisting largely of decomposed organic matter, be frequently stirred—conditions similar to those presented by the water in the Canal Basin—and it may be safely predicated that such water is at all times foul, and capable of becoming offensive and injurious to health.

The water in the Basin is stagnant, and stinks. With the warmer weather of the summer months its temperature is raised. Influenced also, it may be, by certain electrical conditions of the atmosphere, decomposition of the organic matter suspended in the water, or held in solution, goes on more rapidly; carbonic acid gas is given off, and sulphuretted hydrogen is liberally disengaged from the mud at the bottom, thus denoting the presence of animal matter. From the water supersaturated with these gases, bubbles may be seen rising and breaking upon its surface, to the annoyance, and not without danger to the health, of the neighbourhood. At this stage the water is black.

Dr. Sanderson, in his first annual report (1856), expresses the opinion that the Canal itself and the various noxious trades which are carried on on its banks are not only a public nuisance, but in an unmistakable manner shorten the lives and multiply the diseases of the surrounding inhabitants. In 1857, in consequence of the foul state of the Basin, the Vestry requested the Company to empty it and to remove the mud by spade labour. This the Company declined to do, and contented themselves with hand-dredging during several of the winter months. The manner in which the work was done did not satisfy the Surveyor of the Vestry. In May, 1858, the Basin was emptied, and the Company determined to cleanse the bottom by spade, notwithstanding a protest from the Sanitary Committee pointing out the danger of such procedure during the summer months. Dr. Sanderson reported that, although the operation was continued during eight days, the excavation had not at the end of that period extended to so much as one-half of the whole area of the Basin; that during the last three days of May, when the weather was unusually hot, the emanations were most overpowering, and afforded convincing evidence of the inexpediency and probable danger of exposing the channel to the summer sun. In December of the same year, the Sanitary Committee requested the Company to

empty the Basin and to remove the mud by spade, as they had promised to do in the previous July. The Company replied that, owing to the deficiency of rain, the reservoir from which the Canal is principally supplied was nearly empty, and that "it would therefore be impossible to run off any portion of the water from the Paddington Basin until such supplies could be obtained as would restore the quantity so run off." The Committee decided not to press the matter further at that time. In 1859, owing to the deficiency of rain during the spring, the exhalations from the water in June were peculiarly fetid. The efforts of the Vestry to induce the Company to abate the nuisance having proved ineffectual, proceedings were instituted at the Police Court, Marylebone, which caused the Company to give immediate orders for the disinfection of the Basin. During five days large quantities of disinfecting fluid (McDougall's) were introduced. The result appeared to be satisfactory; but, whenever the mud of the channel was disturbed, the stench was reproduced in its former intensity. In 1860, after much pressure from the Vestry, the Company undertook to effectually cleanse the Basin. Accordingly, in February, about 4,000 tons of mud were removed, and shortly afterwards Dr. Sanderson reported that the channel was in a satisfactory condition, and that the state of the water was wholly

unobjectionable. In 1861, Dr. Sanderson reported that the satisfactory condition of the Basin at the close of the previous year had not continued, in consequence "principally of the carelessness of the workmen employed on the wharves." In 1862, notwithstanding that the water was run off in July, it was found necessary in August again to press upon the Company the expediency of repeating the operation, but without effect. In January, 1863, it was resolved by the Vestry, "That their Solicitor do prepare and serve on the Grand Junction Canal Company a notice that, inasmuch as they have failed to comply with the request of the Sanitary and Public Health Committee to cleanse the bed of the Basin during the cold weather, the Vestry will hold the Company responsible for the consequences that may ensue in the hot season by reason of such neglect." In July, 1863, the water again became offensive, and occasioned much sickness among the women and children inhabiting the barges. The Basin was emptied and refilled with beneficial effect.

At a special meeting of the Sanitary Committee the Secretary of the Grand Junction Canal Company represented that they had to encounter serious difficulties in consequence of the Metropolitan Board of Works requiring them to give forty-eight hours notice before allowing the water to flow into the

sewers. In consideration of this statement the Vestry Clerk was directed to write to the Metropolitan Board of Works, pointing out to them how important it was to the health of the parish that the Basin should be frequently emptied, and requesting them, with a view to facilitate this object, to allow the Grand Junction Canal Company to run off their water through the sewers under their control at a shorter notice than forty-eight hours. To this request the Board declined to accede in consideration "of the necessity of making effectual and timely arrangements for the protection of the lives of the men working in the main sewers."

In May, 1864, the Company, after much pressure on the part of Dr. Sanderson, cleansed the whole of the Basin to his entire satisfaction. The mud removed on this occasion amounted to several thousand tons. In 1865, Dr. Sanderson stated at a conference with the Directors of the Canal Company that in the opinion of the Vestry the nuisance was owing to three causes, viz.:—

1. To the stagnancy of the water.
2. To the carelessness of the wharfingers and bargemen, either in allowing soakage from the wharves, or in spilling offensive matter while loading their barges.
3. To the constant discharge from the barges into

the Basin of bilge water, night soil, and other descriptions of filth.

Dr. Sanderson added that in the opinion of the Vestry these evils could only be remedied by the adoption of the following measures—(1) To renew the water every year at least three times during the summer months; (2) To make and enforce on all persons carrying on trade in manure or other offensive matters, and on all bargemen, such regulations as regards the construction of their barges and landing places as are necessary to prevent the spilling or soakage above referred to, and to prohibit the discharge of soil, bilge water, or other offensive liquids into the Basin. Dr. Sanderson further expressed a decided opinion that the changing of the water was in every respect preferable to the employment of any means of disinfection. In May, however, ten tons of chalk-lime were introduced into the water and scattered over its surface. The supply of water did not permit the Basin to be emptied before June, when it was found that the depth of the mud did not exceed a few inches in any part except in the neighbourhood of the bridge. The improvement in the health of the surrounding inhabitants, and particularly of the families of the bargemen, consequent on the removal of the water, was marked. In the summer of 1866 it was necessary that the Basin should be emptied. This was

done, and large quantities of foul deposit were found opposite the manure wharves, as well as at the east end of the Basin. Of this only a small quantity was removed.

Dr. Hardwicke in his first annual report stated that the basin was emptied and tolerably well cleansed in July, 1867, and again less perfectly so at Christmas. In 1868 Dr. Hardwicke, with the sanction of the Vestry, addressed a letter to the Grand Junction Canal Company, in which, after referring to the insanitary condition of the Canal Basin; to the requirement by the Metropolitan Board of Works of forty-eight hours notice before allowing the water to be run off; to the making and enforcement of bye-laws, having for their object the prevention of the fouling of the basin by those employed thereon; to the absence of water-closet accommodation for such persons, as well as for those living in the barges; and to the need of cleansing the basin once or twice a year—matters and measures which had been previously urged by Dr. Sanderson—he recommended the appointment of an efficient water-bailiff to check those malpractices with regard to loading, &c., which have been the cause of nearly all the mischief. Dr. Hardwicke further recommended that, whenever it should become necessary to cleanse the basin, a sufficient number of barges should be allowed to sink in it whilst the water

was being run off; that then the barges should be filled with the deposit, and afterwards floated and moved out of the parish as soon as the water was again let into the basin.

In 1871 the basin was emptied, but none of the mud was taken away. In 1872 the water was run off, and part of the deposit removed. The measurements made by Inspector Clifford in the month of May of that year, and reported by Dr. Hardwicke, showed a deposit of mud varying in depth from two inches to five feet. Notices were served by the Sanitary Department upon the wharfingers and the Canal Company to cleanse the Basin. The wharfingers did their part; not so the Company. A summons was therefore taken out in the Marylebone Police Court, but proceedings were subsequently suspended, as the Company agreed to do all that was in the meantime necessary, and to prevent the recurrence of any nuisance. Dr. Hardwicke reported that the appointment of a water-bailiff by the Company had proved a complete failure, inasmuch as that officer had never attempted to enforce the bye-laws of the Local Act, and recommended that a special officer for that purpose should be employed by the Vestry. In April, 1873, the water was run off, but much of the mud was left untouched. A notice was therefore served upon the Company, under the Nuisance Removal Act. This proving ineffectual, a summons was taken out.

The case was argued at great length before Mr. D'Eyncourt, and resulted in a conviction against the Company. Upon Counsel giving notice of appeal to a higher court, the magistrate reconsidered his decision, and, after a few days, the Vestry Solicitor received a communication from Mr. D'Eyncourt to the effect that he could not sustain the order to convict the Company under the Nuisances Removal Act, inasmuch as he believed that Act did not contemplate dealing with a canal company, and that in future the Vestry should proceed by way of indictment whenever any actual nuisance arose. Dr. Hardwicke reported that in 1874 the water was not changed at Whitsuntide, as it usually is; and that the Company had, during the winter, removed by dredging a considerable quantity of mud.

In his last annual report (1874-75) Dr. Hardwicke remarks that during the whole period of his official career, as well as during that of his predecessor, Dr. Sanderson, every attempt to improve the condition of the Canal Basin had failed, that the Company whilst expressing itself willing to take any steps that might be suggested contented itself with occasionally changing the water and partially removing the mud, but had never adopted any effectual method of regulating the noxious trades prosecuted on its banks. Dr. Hardwicke concludes

his remarks with the reiteration of the various suggestions that had been previously made for the improvement of the Canal Basin, viz.:—The provision of a concrete bottom, frequent change of water, its conversion into a running stream, thorough cleansing of the basin during the winter months, and the use of dredgers throughout the year, and adds that it would be quite feasible to buy the ground for building purposes, and to remove the noxious businesses further into the country.

In my first annual report (1875) I expressed the opinion that the Canal Basin must remain a nuisance so long as the offensive trades carried on upon its banks are permitted, and its bed is left in its present state; that all attempts at disinfecting the basin would be nugatory; that if the mud were removed, a hard impermeable bottom provided, and the water changed as often as the necessity arose, the main conditions would be secured for bringing about a better state of matters; and that the Vestry could take care that the sewers were not choked with mud, and oblige the Canal Company in turn to compel their tenants to carry on their business with some regard to the public health. In June, 1876, on my representing to the Sanitary Committee the offensive condition of the water in the Canal Basin, the Vestry Clerk was instructed to write to the Grand Junction Canal Company requiring them to change the water

and to remove the mud, taking care to render the operation as inoffensive as possible. In the following month I reported to the Sanitary Committee that the Canal Basin had recently been twice emptied, and that of the deposit, which was found to be much less than might have been anticipated from the very offensive state of the water, none had been removed.

In June, 1878, I informed the Sanitary Committee that on Whit-Monday of that year the water had been run off, that the bottom of the basin was covered with mud, varying in depth from one to three feet, and added that emptying and refilling the basin did not meet the necessities of the case; that so long as the deposit remained the water must become foul, and, in a short time, being charged with noxious gases, prove injurious to health, and that therefore the mud should be removed. In July, 1878, I informed the Committee that the Basin had been again emptied, and that none of the deposit had been removed. I suggested that upon the return of cold weather the Vestry should insist on this being done. In December, 1878, I reminded the Committee of the above suggestion, and pointed out that it was insufficient to abate the nuisance, and that its recurrence should be prevented. Thereupon the Sanitary Committee instructed the Vestry Clerk to write to the Company pressing them to have the water run off,

and the bed properly cleansed whilst the weather was cold.

To this the Company, in their letter of the 14th January, 1879, replied that it would be useless to run off the water at that season of the year, and that a hand dredger had been for some time past employed cleansing the Basin. Thus the efforts of the Committee to have the Basin properly cleansed at that time were unsuccessful.

In 1879 the Canal Basin was emptied three times. None of the deposit was removed. In November, 1879, the Sanitary Committee, at my suggestion, instructed the Vestry Clerk to write to the Company impressing upon them the desirableness of their employing additional dredging machines in the Canal Basin, and suggesting that the same should be kept constantly in action during the winter months. To this the Company replied that they had one dredger at work in the Paddington Basin and had arranged to put on another. The Company also expressed the hope that instructions would be given to the parties in charge of the parish wharves to see that the boats were properly loaded. I regret to add that during the past winter I have seldom seen or heard of more than one dredger at work; that so far from giving effect to the wishes of the Vestry to cleanse the Basin by getting rid of the

mud, there has been on the part of the Company only the semblance of compliance, and that consequently the bottom of the Canal Basin and the water in it are in as fetid a condition to-day as they ever were.

I have purposely refrained from making any suggestions as to the mode in which the occupiers of the wharves should carry on their business. To my mind the reasons are cogent for declining to lay down rules professedly complete, and conformity to which might be held to absolve the parties concerned from blame. The nuisance is not imaginary, it is real, and its abatement should be not less so. The remedies are obvious. The duties neither of the owners nor of the occupants of the wharves are obscure. The Canal Company knows what the Vestry expects it to do, and can command its own counsellors. It cannot be contended that the Company has done all that it might have done. Had a sufficient number of dredging machines been employed during past winters, the bottom of the basin would have presented a very different appearance.

The reports of my predecessors, Dr. Burdon Sanderson and Dr. Hardwicke, record similar conditions, similar suggestions, and similar abortive endeavours to effect any permanent improvement of the Canal Basin.

Whilst it is easy to infer from the preceding narrative what has been the condition of the Canal Basin at any time during the past twenty-five years, it is impossible to state with accuracy how much illness it has produced, and to what extent it has affected the death rate of the parish. In conducting such an enquiry one is confronted at the outset with the questions, how much of the evil is ascribable to the Canal itself, and how much to the trades carried on upon its banks, or to other causes? That the foul state of the water produces headache, nausea, loss of appetite, vomiting, diarrhœa, and sore throat amongst those employed in the basin is proved by the cessation of such symptoms upon changing the water, and by their return after putrefactive fermentation of the vegetable and animal matter in a fresh supply of water is again set up and allowed to do its work for a time. That there are poisonous gases—carbonic acid and sulphuretted hydrogen—escaping from the water in large quantities during the summer months is shown by chemical analysis; that there are other aeriform products, not well ascertained, evolved in the processes of spontaneous decomposition of organic and mineral substances is more than probable; and that these tend to contaminate the air and render it more or less noxious to animal life, must be admitted, if it be true that atmospheric impurity is an abounding source of

disease. Besides the direct effects already enumerated of these known and unknown vapours which reach the circulation through the lungs, the stomach, and the skin, it is believed that, by depressing vital energy, they act still more injuriously and more extensively as the pre-disposing cause of some diseases, and in imparting a fatal tendency to others.

With the facts now stated successive Sanitary Committees have long been familiar, as may be inferred from the numerous resolutions based upon them which have, from time to time, been sent up to the Vestry for its approval.

It is for the Vestry, in the interests of public health, to determine how long it will allow the Canal Basin to remain an open sewer, as, at times, it may be not inaptly described.

Canal Boats Act, 1877.

This Act which provides for the registration and regulation of Canal boats used as dwellings came into operation on the 1st January, 1878; and the Regulations of the Local Government Board, which are complementary to the Act, on the 30th June of the same year.

The objects of the Act are sanitary and educational. With the latter, Sanitary authorities have

little to do, the School Board being charged with its accomplishment. The Act and Regulations prescribe that after the 1st January, 1879, a canal boat shall not be used as a dwelling unless it is registered. The conditions of registration relate to the number, age, and sex of the persons who may be allowed to dwell in a boat, having regard to cubic space, ventilation, provision for the separation of the sexes, and convenience of accommodation afforded by each boat. In pursuance of its statutory powers, the Local Government Board constituted the Vestry of the Parish of Paddington, the Vestry of the Parish of Rotherhithe, and the Board of Works for the Limehouse District, the three Registration authorities in the Metropolis;—Paddington in respect both of the Grand Junction Canal and the Regent's Canal, Limehouse in respect of the Regent's Canal, and Rotherhithe in respect of the Grand Surrey Canal.

At the date of this report 151 boats have been registered in London. Of these 2 were registered at Rotherhithe, 149* at Paddington, and none at Limehouse. For the efficient working of the Act some alterations in it will be necessary. These will be considered in a future report.

* Since writing the above 8 more boats have been registered in this parish.

Water.

Paddington is supplied with water obtained from the Thames by the Grand Junction and West Middlesex Companies. During the year 1879 the average daily supply of water to the inhabitants of London by the eight metropolitan companies was 134 millions of gallons. Whilst the quantity was greatly in excess of what is required, the quality of the river water was frequently very objectionable. The waters of the Thames and the Lea, even after efficient filtration by the various companies, were only in some measure fit for dietetic purposes during the months of April, November, and December. Only once since 1868 has the Thames water been so much polluted by organic matters as it was in the year 1879. The Thames was often in high flood even in summer, and much filthy matter from sewers, cesspools, and cultivated fields was swept into the river. No practicable amount of storage could have prevented the supply of flood water to London during the past two years. The Lea water maintained its superiority over that taken from the Thames, but was quite unfit for dietetic use during seven months of the year. Of the deep-well waters, that supplied by the Colne Valley Company was the best; of the Lea water, that sent out by the New River Company was the best, and of that taken from the Thames, the best average supplies were furnished

by the Lambeth and Chelsea Companies. The quality of the water drawn from deep-wells in the chalk by the Kent and Colne Valley Companies and by the Tottenham Local Board of Health was uniformly excellent for dietetic purposes throughout the year.

The preceding remarks, together with the annexed tables, respecting the condition of the Metropolitan waters, are taken from Dr. Frankland's Annual Report to the Registrar-General.

I have the honour to be,

Gentlemen,

Your obedient Servant,

JAMES STEVENSON,

Medical Officer of Health.

VESTRY HALL, PADDINGTON,

June, 1880.

TABLE I.

*TABLE showing the Population, Inhabited Houses, Births and Deaths,
for the Year 1879, 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. |
| 1879 | 74,496 | 39,133 | 13,371 | 2,180 | 732 | 1,383 | 556 |
| 1878 | 72,525 | 39,002 | 13,186 | 2,144 | 727 | 1,250 | 511 |
| 1877 | 70,554 | 38,871 | 13,032 | 2,226 | 695 | 1,220 | 486 |
| 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 |
| Average of 10 years, 1869-1878. | 63,656 | 38,413 | 12,439 | 2,110 | 735 | 1,245 | 595 |

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 the public institutions (St. Mary's Hospital and the Lock Hospital) within the parish are deducted for the years 1877, 1878, and 1879; for the years 1875 and 1876 the total deaths in the above-mentioned Institutions are deducted.

TABLE II.

Table showing the Annual Birth Rate, Rate of Mortality, Death Rates among Children, and Deaths in Public Institutions, for the Year 1879 and 10 Years preceding.

| YEAR. | 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. |
| 1879 | 25.6 | 17.1 | 20.8 | 13.8 | 31.9 | 241 | 3 |
| 1878 | 25.7 | 15.8 | 24.5 | 15.0 | 39.6 | 230 | 3 |
| 1877 | 26.7 | 15.6 | 22.3 | 13.0 | 38.0 | 224 | 5 |
| 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 |
| Average of 10 years, 1869-1878 | 27.9 | 18.1 | | | | 196 | 4 |

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

TABLE IV.

TABLE showing the Mortality from certain classes of Diseases, and proportions to Population, and to 1,000 Deaths, 1879.

| | Total Deaths. | Deaths per 1,000 of Population. | Proportion of Deaths to 1,000 Deaths. |
|--|---------------|---------------------------------|---------------------------------------|
| 1. Seven Principal Zymotic Diseases | 243 | 2·1 | 125·3 |
| 2. Pulmonary Diseases ... (other than Phthisis) | 445 | 3·9 | 229·5 |
| 3. Tubercular Diseases ... | 232 | 2·0 | 119·6 |
| 4. Wasting Diseases of Infants | 107 | 0·9 | 55·2 |
| 5. Convulsive Diseases of Infants | 120 | 1·1 | 61·9 |

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 III.

Deaths Registered at several Groups of Ages from Different Causes during the year 1879.

NOTE.—The Deaths in Public Institutions of non-residents are excluded.

2010-2011

1. 10/1/10

2. 10/1/10

3. 10/1/10

4. 10/1/10

5. 10/1/10

6. 10/1/10

7. 10/1/10

8. 10/1/10

9. 10/1/10

10. 10/1/10

11. 10/1/10

12. 10/1/10

13. 10/1/10

14. 10/1/10

15. 10/1/10

16. 10/1/10

17. 10/1/10

18. 10/1/10

19. 10/1/10

TABLE IIIA.

Deaths Registered from all causes during each quarter of the year 1879 in each sub-district of the Parish.

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

[illegible]

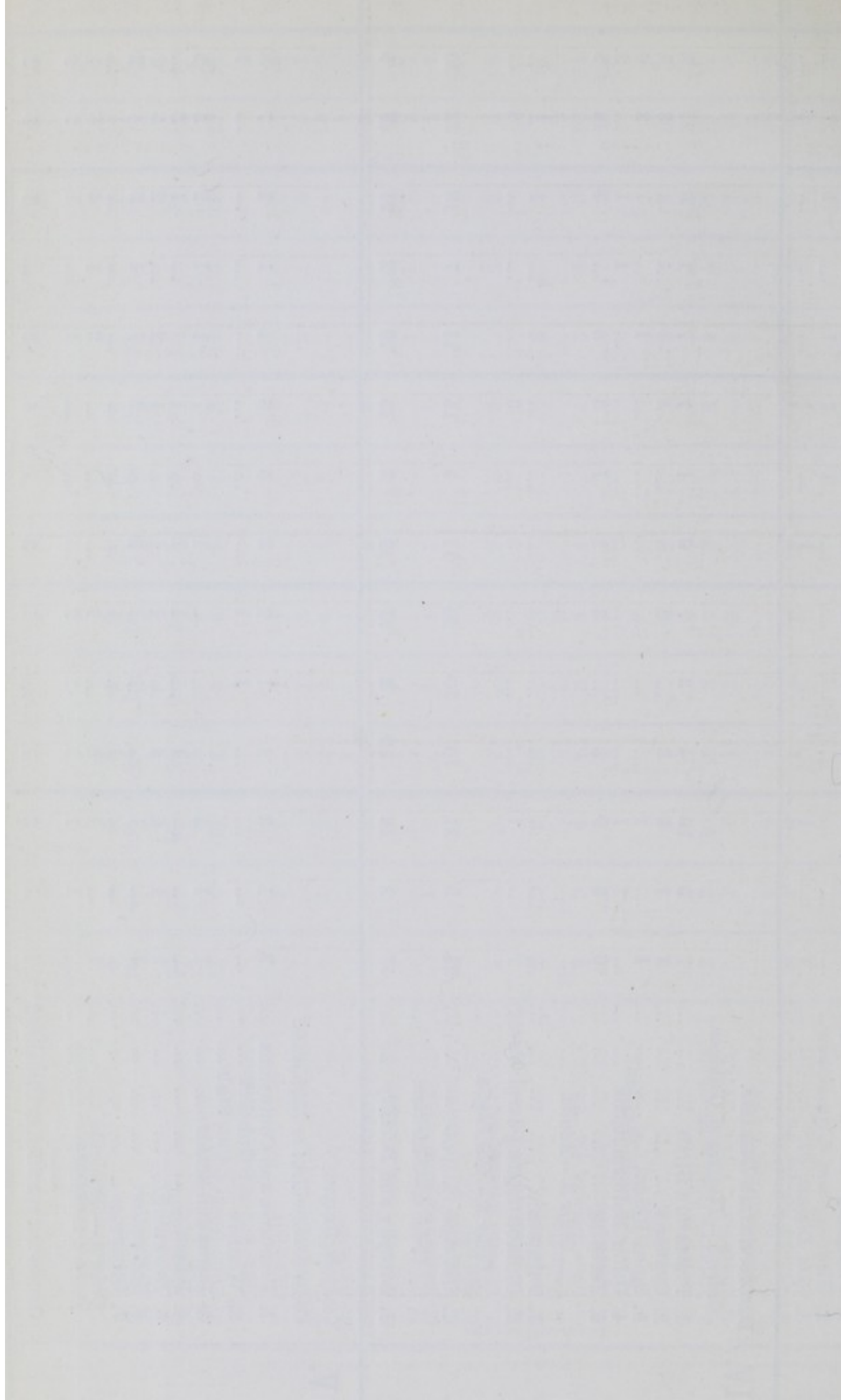


TABLE V.

TABLE showing the Number of Deaths from the seven principal Zymotic Diseases, in the ten years 1869 to 1878, and in the year 1879.

| Disease. | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. | 1878. | Annual Average of 10 years, 1869-1878. | Proportion of Deaths to 1,000 Deaths in 10 years, 1869-1878. | 1879. | Proportion of Deaths to 1,000 Deaths in 1879. |
|-------------------|--------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--|---|----------------|---|
| Smallpox | | | | | | | 2 | 2 | 15 | 3 | | | 3 | 1.5 |
| Measles... .. | | | | | | | 11 | 91 | 39 | 27 | | | 29 | 15.0 |
| Scarlet Fever ... | | | | | | | 108 | 35 | 32 | 42 | | | 67 | 34.6 |
| Diphtheria | | | | | | | 9 | 9 | 11 | 16 | | | 26 | 13.4 |
| Whooping Cough | | | | | | | 63 | 60 | 69 | 74 | | | 61 | 31.5 |
| Fever | | | | | | | 22 | 19 | 11 | 26 | | | 19* | 9.8 |
| Diarrhoea | | | | | | | 68 | 70 | 50 | 52 | | | 38 | 19.6 |
| TOTAL | | | | | | | 283 | 286 | 227 | 240 | | | 243 | 125.3 |
| LONDON... .. | 17,476 | 16,489 | 19,454 | 12,722 | 11,226 | 11,327 | 13,411 | 12,565 | 12,292 | 14,734 | 14,169 | 181.4 | 12,256 | 143.3 |
| ENGLAND & WALES | 91,379 | 100,527 | 103,801 | 91,743 | 70,402 | 88,200 | 82,333 | 75,506 | 66,558 | 84,624 | 85,507 | 166.6 | Not published. | |

* Enteric (Typhoid), 16; Simple continued Fever, 3.

TABLE VI.

Inspectors' Report of the Sanitary Work, &c., completed in the Year ending March, 1880.

| Paddington. | | | | Results of Inspection. | | House Drains. | Privies and Water Closets. | Dust Bins. | Water Supply. | Miscellaneous. | | | Regularly Inspected. | | | |
|--|-----|--------|-----|--|-----|---------------|----------------------------|------------|---------------|----------------|----|----|----------------------|----|----|----|
| No. of Complaints received during year. | | | | Orders issued for Sanitary Amendments of Houses and Premises. | | | | | | | | | | | | |
| No. of Houses, Premises, &c., inspected. | | | | Houses and Premises, &c., Cleansed, Repaired, and Whitewashed. | | | | | | | | | | | | |
| | | | | Houses Disinfected after Infectious Diseases. | | | | | | | | | | | | |
| | | | | Repaired, Cleansed, &c. | | | | | | | | | | | | |
| | | | | Trapped or Ventilated. | | | | | | | | | | | | |
| | | | | Repaired, Cleansed, &c. | | | | | | | | | | | | |
| | | | | Supplied with Water. | | | | | | | | | | | | |
| | | | | New provided. | | | | | | | | | | | | |
| | | | | New provided. | | | | | | | | | | | | |
| | | | | Repaired, Covered, &c. | | | | | | | | | | | | |
| | | | | Cisterns (new) erected. | | | | | | | | | | | | |
| | | | | Cisterns Cleansed, Repaired, and Covered. | | | | | | | | | | | | |
| No. of Lodging Houses registered under 35th Clause of Sanitary Act, 1866. | | | | | | | | | | | | | | | | |
| No. of Dust Complaints received and attended to. | | | | | | | | | | | | | | | | |
| Removal of accumulation of Dung, Stagnant Water, Animal, and other Refuse. | | | | | | | | | | | | | | | | |
| Removal of Animals improperly kept. | | | | | | | | | | | | | | | | |
| Bakehouses. | | | | | | | | | | | | | | | | |
| Licensed Cowhouses. | | | | | | | | | | | | | | | | |
| Licensed Slaughterhouses. | | | | | | | | | | | | | | | | |
| Other Proceedings, e.g. Legal Proceedings. | | | | | | | | | | | | | | | | |
| Total | 793 | 12,951 | 503 | 512 | 126 | 235 | 130 | 138 | 138 | — | 22 | 63 | 1 | 51 | — | — |
| | | | | | | | | | | | | | | | 32 | 2 |
| | | | | | | | | | | | | | | | 83 | 13 |
| | | | | | | | | | | | | | | | 23 | 3 |

TABLE VII.

Return respecting the Vaccination of Children whose Births were registered during the year 1879.

| | Registration Sub-Districts comprised in the Vaccination Officer's District. | Number of Births returned in the Birth-List Sheets, as Registered from 1st January, to 31st December, 1879. | Successfully Vaccinated. | Insusceptible of Vaccination. | Had Smallpox. | Dead—Unvaccinated. | 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's | 2,847 | 2,374 | 13 | ... | 202 | 39 | 18 | 199 | 2 who were fined 20s. and costs. 2 |
| 2 | St. John's | | | | | | | | | |

TABLE A.

Number of occasions when moving organisms were found in the Water supplied by the undermentioned Companies :—

| | 1869. | 1870. | 1871. | 1872. | 1873. | 1874. | 1875. | 1876. | 1877. | 1878. | 1879. |
|------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Kent | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| West Middlesex | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 2 |
| New River | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 1 | 0 | 0 |
| East London ... | 4 | 3 | 3 | 1 | 0 | 2 | 0 | 0 | 0 | 0 | 2 |
| Chelsea..... | 3 | 2 | 2 | 3 | 2 | 5 | 4 | 4 | 1 | 0 | 2 |
| Grand Junction | 4 | 1 | 1 | 2 | 3 | 5 | 7 | 3 | 3 | 3 | 1 |
| Lambeth | 5 | 0 | 4 | 6 | 3 | 4 | 5 | 4 | 1 | 1 | 0 |
| Southwark | 8 | 1 | 4 | 1 | 2 | 5 | 5 | 7 | 5 | 3 | 0 |
| Colne Valley ... | — | — | — | — | — | — | — | — | 0 | 0 | 0 |
| Tottenham | — | — | — | — | — | — | — | — | 0 | 0 | 0 |

The sediment deposited by turbid water on standing, when examined by the microscope, is almost always found to contain numbers of living and moving organisms.

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 |
| 1877 | 907 | 596 |
| 1878 | 1,056 | 747 |
| 1879 | 1,175 | 954 |

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 1879.

| Names of Companies and Sources. | 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... | 10 | 2 | 0 | 0 | 8.2 | 1.6 | 5.0 |
| Grand Junction... | 9 | 3 | 0 | 0 | 7.8 | 2.7 | 5.0 |
| Lambeth | 11 | 1 | 0 | 0 | 7.7 | 2.6 | 4.3 |
| Chelsea | 9 | 2 | 1 | 0 | 5.8 | 2.7 | 4.4 |
| Southwark | 11 | 1 | 0 | 0 | 8.6 | 2.8 | 5.2 |
| <i>Lea.</i> | | | | | | | |
| New River | 10 | 2 | 0 | 0 | 4.5 | 2.6 | 3.5 |
| East London | 10 | 2 | 0 | 0 | 6.2 | 2.2 | 4.3 |
| <i>Deep Wells.</i> | | | | | | | |
| Kent | 12 | 0 | 0 | 0 | 1.8 | 1.4 | 1.6 |
| Colne Valley | 12 | 0 | 0 | 0 | 1.6 | 1.2 | 1.4 |
| Tottenham | 11 | 1 | 0 | 0 | 2.5 | 1.1 | 1.7 |

* The average yearly amount of organic elements (organic carbon and organic nitrogen) found in the water supplied by the Kent Company, during the nine years ending 1876, is, for purposes of comparison, taken as the unit.