

The thirteenth annual report of the Vestry of the Hamlet Mile End Old Town in the county of Middlesex.

Contributors

Hamlet of Mile End Old Town (London, England). Parish. Vestry.
Corner, Matthew.

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List of Vestrymen.
1869.

The Rector and Churchwardens are Ex-Officio Members.

No. 1, of NORTH WARD

THE THIRTEENTH

ANNUAL REPORT



THE VESTRY

OF THE

Hamlet of Mile End Old Town,

IN THE COUNTY OF MIDDLESEX.

London:

PRINTED BY T. PENNY & Co., 121, LEMAN STREET, WHITECHAPEL, E.

HALL

1868



THE THIRTIETH

ANNUAL REPORT

OF

THE VESTRY

OF THE

Parish of St. Andrew Undershaft and Old London

IN THE COUNTY OF MIDDLESEX

London :

Printed by T. PENNY & Co., 121, LEAVERS STREET, WHITECHAPEL, E.

1868

List of Vestrymen.

The Rector and Churchwardens are Ex-Officio Members.

No. 1, or NORTH WARD.

- Mr. H. ANDREWS, 6, Alderney road.
" G. BEATEN, 36, St. Peter's road.
" I. BIRD, Portman House, Globe road.
" W. BRAFIELD, 143, Mile End road.
" B. CUNDICK, 23, Mile End road.
" H. CUSHEN, 207, Mile End road.
" W. DOBSON, 145, Mile End road.
" J. GARSIDE, 31, St. Peters road.
" H. J. LEATHERDALE, 196, Devonshire street.
" C. MOODY, 26, St. Peter's road.
" G. OSBORN, 91, Mile End road.
" J. PATTEN, 43, Mile End road.
" F. ROBBINS, 14, Alderney road.
" S. STEPHENSON, Knaith Cottage, Globe road.
" F. J. WOOD, 1, Nicholas street.
Auditor—Mr. JOHN HAIGH, 293, Mile End road.

No. 2, or EAST WARD.

- Mr. T. P. ALDRIDGE, 54, Burdett road.
" R. F. CROMPTON, 351, Mile End road.
" R. CROUCH, 373, Mile End road.
" G. FORDHAM, 598, Mile End road.
" A. FURNESS, 4, Eastbury terrace.
" H. C. L. HART, 433, Mile End road.
" W. R. JACKSON, 96, Mile End road.
" E. L. JOHNSON, Canal road.
" M. LYON, 616, Mile End road.
" J. ORANGE, 471, Mile End road.
" A. PILGRIM, 155, Bloomfield road.
" C. TALMEDGE, 70, Dempsey street.
Auditor—Rev. A. P. BLACK, M.A., F.R.S.E., the Mause,
Frederick place, Mile End road.

No. 3, or WEST WARD.

- Mr. W. T. BACKHAM, Philpot street.
 „ A. BISHOP, 51, Philpot street.
 „ A. J. GOODY, 1, Philpot street.
 „ M. J. HICKMAN, 3, New road.
 „ S. W. IRON, 4, St. Helen's terrace.
 „ H. LOVE, 46, St. Peter street.
 „ G. LUDBROOK, 1, Harford terrace.
 „ G. MIGOTTI, "King Harry," Mile End road.
 „ D. MUNRO, 138, Mile End road.
 „ W. PARFETT, 26, Bedford square.
 „ H. PREECE, 13, New road.
 „ C. RUSE, 24, Hereford place, Commercial road.
 „ G. RYMER, 83, New road.
 „ W. SHEARMAN, 55, Bancroft road.
 „ G. VINCENT, Raven row.
 „ A. WHITTENBURY, 61, Philpot street.
 „ R. WILLOMATT, 5, Raven terrace.
 „ F. WOOD, 111, Devonshire street.
Auditor—Mr. W. CLARKE, 22, Hereford place, Commercial road.

No. 4, or CENTRE WARD.

- Mr. P. ATRELL, 24, Tredegar square.
 „ J. BRIGGS, 172, Mile End road.
 „ R. F. BUTTERSS, 18, Assembly passage.
 „ W. COBB, 300, Mile End road.
 „ G. N. COTT, 338, Mile End road.
 „ W. CROW, 342, Mile End road.
 „ E. CURTIS, 76, Stepney green.
 „ R. DANN, 3, Bruges terrace.
 „ W. DAVIS, 3, Bloomfield road.
 „ D. FRANCIS, 137, Mile End road.
 „ E. HORTON, Mile End road.
 „ W. F. JACKSON, 47, Beaumont square.

- Mr. R. JONES, Gas Works, York road.
 „ S. LUDBROOK, Bancroft House.
 „ J. A. NOBLE, 424, Mile End road.
 „ J. POLLARD, 12, Pleasant row.
 „ J. G. PREVOST, 176, Mile End road.
 „ W. SHERRIN, 4, Redman's row.
 „ G. T. SNOWDEN, 460, Mile End road.
 „ C. THORPE, 1, Prospect place.
 „ O. WEBB, Redman's row.

Auditor—Mr. R. MILLS, 3 & 6, Princes street, Stepney green.

No. 5, or SOUTH WARD.

- Mr. J. W. BECKETT, 60, St. Peter's road.
 „ C. DANCE, 4, Arbor street, West.
 „ J. FORDHAM, 175, Jubilee street.
 „ J. GEARNS, Commercial place.
 „ S. JENKINS, Portland place.
 „ C. LACEY, "Baths," Exmouth street.
 „ T. MOORE, 144, Mile End road.
 „ J. NEWTON, 13, Grenada terrace.
 „ W. NEWTON, 41, Stepney green.
 „ J. NIXON, 13 & 14, Crombies row.
 „ W. ORCHARD, 3, Crombies row.
 „ J. PRICE, 10, Lucas place.
 „ T. H. PRICE, 232, Oxford street.
 Dr. C. ROSE, 20, Mile End road.
 „ R. E. SWYER, 62, Mile End road.
 Mr. W. TERREY, 8, Grenada terrace.
 „ G. THOMAS, 3, Mile End road.
 „ A. WOOD, 5, Crombies row.

Auditor—Mr. R. J. TUCKER, 9, Arbor square, Stepney.

REPRESENTATIVE AT THE METROPOLITAN BOARD
OF WORKS.

WILLIAM NEWTON, Esq., 41, Stepney Green.

OFFICERS OF THE VESTRY.

TREASURER.

THOMAS WINDLE, Esq.,

London and Westminster Bank, Eastern Branch, Whitechapel.

CLERK.

Mr. THOMAS PRICE,

RESIDENCE: 403, Mile End Road; OFFICE: Vestry Hall.

SURVEYOR.

Mr. J. M. KNIGHT,

RESIDENCE: 11, Burdett Road; OFFICE: Vestry Hall.

MEDICAL OFFICER OF HEALTH.

Dr. MATTHEW CORNER,

RESIDENCE: 113, Mile End Road; OFFICE: Vestry Hall.

INSPECTOR OF NUISANCES.

MR. HENRY LESHAW,

RESIDENCE: 48, Clinton Road; OFFICE: Vestry Hall.

MESSENGER.

Mr. EDWARD HALL, at the Vestry Hall.

FOREMAN OF LABOURERS.

Mr. WILLIAM CARTER.

REPORT.

THE works undertaken during the year for extending and giving efficiency to the sewerage of the Hamlet, and for paving and improving the streets, will be found in detail in the Report of the Surveyor to the Vestry, which is submitted herewith for the information of the Ratepayers. So far as they include new works, they will, it is trusted, be accepted as a satisfactory instalment of the public improvements which the inhabitants have a right to expect from the Governing Body of the District, and so far as they relate to the maintenance of existing works, it is hoped that they show a due regard to the public health and convenience.

The Vestry have not been unmindful of the demands made upon them as the Sanitary Authority.

The following is a list of the minor works, which, acting in that capacity, they have caused to be effectually carried out:—

Old drains abolished	109
Houses and premises connected with sewers...	130
Foul drains cleansed	96
Accumulations of dung and refuse removed...	22
Traps provided for drains, closets, &c....	843
Houses cleansed and purified... ..	147
Dust bins provided... ..	90
Premises from which pigs were removed	16
Houses visited where disease has occurred; } and notices left, re contagious diseases .. }	542
Water-waste preventers provided	3

The usual periodical visits have been made to cow-houses, slaughter-houses, and bake-houses, and in all of them the observance of sanitary precautions has been enforced.

At the Licensing Court, held in October last, the occupiers of 40 slaughter-houses and 38 cow-houses received licenses from the Justices, and, in every case, the decision was in accordance with the views of the Sanitary Committee, based on the survey of the premises or the Reports of the Officers of Health.

In the course of the year an important legislative measure, entitled "The Artizans' and Labourers' Dwellings' Act, 1868," came into operation.

It confers upon the local authorities very great powers for the compulsory improvement of houses inhabited by the more helpless classes, or, in case of need, their demolition. Such powers require to be wielded with great caution and forbearance, but without losing sight of the object the Legislature had in view. In the only case in which, during the year, the Vestry received from the Medical Officer of Health the formal report, which is necessary to set the law in motion, they were enabled, by the ready compliance of the owner of the premises complained of with their requirements, to secure the due enforcement of the law, without stretching their powers to the utmost, or acting with harshness. The Vestry will not shrink from administering a law which, although at first sight it may appear to be an invasion of the rights of property, is founded upon a due consideration for the health and comfort of the poor; but they hope, in every case, to temper the exercise of authority with discretion and conciliation.

The Accounts for the year ending 25th March, 1869, were, at the appointed time, submitted to the Auditors, duly vouched, and allowed, and an abstract of them is appended to this Report.

The sum of £1000, which remained due on Mr. Buxton's Loan, contracted for paving works, was paid in February last, and completed the liquidation of the Mortgage for £5000, granted in February 1858.

IN THE COUNTY OF MIDDLESEX.
 VESTRY HALL, BANCROFT ROAD,
 30TH JUNE, 1869.

ACCOUNT IN ABSTRACT

SHOWING THE

RECEIPTS & EXPENDITURE

OF THE VESTRY,

For the Year ending March 25th, 1869,

And the Moneys owing to, and Debts and Liabilities owing by,
 the Vestry on that day;

AND

SUMMARY STATEMENT OF CONTRACTS

ENTERED INTO BY THE VESTRY DURING THE YEAR.

The sum of £1000, which remained due on Mr. Loxton's Loan, contracted for paving works, was paid in February last, and completed the liquidation of the mortgage for £5000, granted in February 1858.

At the Licensing Court, held in October last, the occupiers of 40 slaughtering houses, situated in Vestry-Halls-BANGOR ROAD, received licenses from the Justices, and in every case, the decision was in accordance with the views of the Sanitary Committee, based on the survey of the premises and the Reports of the Officers of Health.

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Vestry of the Hamlet of Mile End Old Town,

IN THE COUNTY OF MIDDLESEX.

ACCOUNT IN ABSTRACT

SHOWING THE

RECEIPTS & EXPENDITURE

OF THE VESTRY,

For the Year ending March 25th, 1869,

And the Moneys owing to, and Debts and Liabilities owing by,
the Vestry on that day;

AND

SUMMARY STATEMENT OF CONTRACTS

ENTERED INTO BY THE VESTRY DURING THE YEAR.

Abstract of General

For the year ending

RECEIPTS.	£	s.	d.
Amount of Calls made upon Overseers and paid	11950	0	0
Amount received from Overseers, being the amount collected by them up to the 25th March, 1868, in excess of the amount of the precepts issued to them for general purposes	965	14	3
Amount received from various persons for miscellaneous Paving Works	44	3	4
Amount received from Owners of property in Longfellow Road, towards the paving thereof	167	12	0
Ditto ditto Latimer Street	150	0	0
Ditto ditto William Street South	60	0	0
Amount received from Mr. McCarthy, for Old Iron	11	7	6
Amount received from Mr. Stephens, Contractor for the removal of dust under his Contract with the Vestry	15	0	0
Amount received from Mr. Poole, towards the cost of widening the North end of White Horse Lane	50	0	0
Amount of Interest on Drawing Account at London and Westminster Bank	12	14	7
Carried forward	£13426	11	8

Purposes Account.

25th March, 1869.

EXPENDITURE.	£	s.	d.
Cleansing and Scavenging	1222	8	6
Making-up and repairing roads and foot-paths, including materials and incidental expenses	6352	15	11
Paving Works, under contract	1043	5	5
New water carts, repairs to water carts, repairs to hydrants and hose	113	15	8
Rent of Wharf, 5 quarters	150	0	0
Interest on Mortgage debt transferred from the Commercial Road Trustees	107	10	0
Interest on £1000 balance of Loan of £5000 from Mr. Buxton	48	15	0
Repayment of balance of that Loan	1000	0	0
Interest on balance of Loan of £4000 from the Star Life Assurance Society	107	14	10
Eighth Instalment of the principal of that Loan	200	0	0
Amounts returned to owners of property in Alma Road, Salisbury Street, and Wilson Street, being amounts paid by them in excess, towards cost of paving those places	107	19	9
Printing	43	7	0
Stationery	38	13	5
Improvement of White Horse Lane	2627	13	7
Gas to Establishment, and Gas Fittings	24	13	6
Carried forward	£13188	12	7

Abstract of General

For the Year ending

RECEIPTS.	£	s	d.
Brought forward	13426	11	8
Amount of deposits received for Roads up to this date, less returns made or to be made	22	2	6
Balance of expenditure over receipts	1130	2	5
	<u>£14578</u>	<u>16</u>	<u>7</u>
Balance in hand at Audit, 1868 ... ..	...	...	...
Deduct excess of expenditure over receipts ... ..	...	...	...
Balance to credit of General Purposes Account	...	...	...

Purposes Account—continued.

25th March, 1869.

EXPENDITURE.	£	s	d.
Brought forward	13188	12	7
Income tax on Loans	6	17	2
Insurance of Vestry Hall and Furniture	6	15	0
Watering Roads	663	15	9
Removal of Dust... ..	56	5	0
Disinfectants for use of poor Inhabitants	10	0	0
Miscellaneous Accounts	26	8	10
Salaries (proportion charged to General Purposes account)	412	10	0
Petty Cash disbursements (proportion charged to General Purposes account).	207	12	3
	<u>£14578</u>	<u>16</u>	<u>7</u>
Balance in hand at audit 1868 ... ..	...	...	...
Deduct excess of expenditure over receipts	...	...	...
Balance to credit of Lighting Account	£2049	12	4 $\frac{1}{4}$
... ..	1130	2	5
... ..	<u>£919</u>	<u>9</u>	<u>11$\frac{1}{4}$</u>

Abstract of

For the Year ending

RECEIPTS.		£	s.	d.
Amount of Calls made upon Overseers and paid	3000	0	0	
Amount received from Overseers, being the amount collected by them up to the 25th March, 1868, in excess of the amounts of the precepts issued to them	177	6	1	
Amount of Interest on Drawing Account at London and Westminster Bank	3	0	0	
Balance of Expenditure over receipts	74	0	0	
	<u>£3254</u>	<u>6</u>	<u>1</u>	

Balance in hand at Audit, 1868
 £ 81 6 0
 Deduct excess of expenditure over receipts
 £ 2 9 11
 Balance to credit of General Purposes Account
 £ 78 6 11

Lighting Account.

25th March, 1869.

EXPENDITURE.		£	s.	d.
The Commercial Gas Company for Lighting the Public Lamps... ..	3254	6	1	
	<u>£3254</u>	<u>6</u>	<u>1</u>	
Balance in hand at audit, 1868	£876	3	3	
Deduct excess of expenditure over receipts	74	0	0	
Balance to credit of Lighting Account	<u>£802</u>	<u>3</u>	<u>3</u>	
Balance in hand at Audit, 1868	£ 238	10	4	
Deduct excess of expenditure over receipts	2352	16	3	
Balance to credit of Sewers Account... ..	<u>£ 238</u>	<u>10</u>	<u>4</u>	

c

Abstract of

For the year ending

RECEIPTS.	£	s.	d.
Amount received from Overseers on account of Calls, including Calls of the Metropolitan Board of Works, for the Main Drainage Rate, and for the ordinary expenses of that Board	3307	9	11
Amount received from Overseers, being the amount collected by them up to the 25th March, 1868, in excess of the amount of the Precepts issued to them	295	18	0
Amount received from various persons for expenses incurred in drainage works or otherwise relating to such works ...	20	16	10
Amount of Interest on Drawing Account at London and Westminster Bank ...	3	10	0
Amount received from various persons for draining into Sewers, after deducting amounts returned or to be returned	58	0	8
Balance	2352	16	3
	£6038	11	8

Balance to credit of Lighting Account ... £802 3 3

Sewers Account.

25th March, 1869.

EXPENDITURE.	£	s.	d.
Construction of Sewers	722	4	0
Cleansing same	213	2	2
Public conveniences	6	0	6
Metropolitan Board of Works, for Main Drainage Rate	2388	4	0
Metropolitan Board of Works, for their ordinary expenses	2157	9	11
Private Drainage Works, recoverable from Owners	10	8	9
Salaries (proportion charged to Sewers Account)	412	10	0
Petty Cash Disbursements, Clerk's and Surveyor's department (proportion charged to Sewers Account)	128	12	4
Mr. J. J. Griffiths, for Paying Works	417	3	10
Mr. J. J. Griffiths, for Paying Works	417	3	10
	£6038	11	8
Balance in hand at Audit, 1868	£2581	6	7 ³ / ₄
Deduct excess of expendtre. over receipts	2352	16	3
Balance to credit of Sewers Account...	£228	10	4 ³ / ₄

Statement of Moneys owing to, and Debts and Liabilities

General

MONEYS OWING TO THE VESTRY.

	£	s.	d.
Amount to be received from Owners of property in William Street North ...	58	6	0
Amount to be received from Metropolitan Board of Works, toward the cost of the White Horse Lane Improvements	1200	0	0
Amount due from Overseers, the excess of their receipts over the amount of Calls upon them made during the year	246	18	6
Amount to be received from owners of property in Oley Place for paving works	178	0	0
The like from owners of Diggon Street...	409	0	0
The like from owners of Tillotson Street.	138	0	0
The like from owners of St. Dunstan's Rd,	143	0	0
The like from owner of Baggallay Street..	343	0	0
Balance	2852	16	3
Total	£2716	4	6

owing by, the Vestry, on the 25th March, 1869.

Purposes.

MONEYS OWING BY THE VESTRY.

	£	s.	d.
Amount applicable to the completion of the Burdett Road, as by the covenant of the Vestry with the Metropolitan Board of Works	300	0	0
Amount required to complete the Improvement of the North end of White Horse Lane	300	0	0
Mr. Gardner, for horse hire	381	6	0
Messrs. Rigby & Co., for Brooms ...	6	0	0
Mr. Penny, for Printing...	4	19	0
Income Tax on Loans	8	15	6
Rent of wharf at Bridge Street	30	0	0
Mr. Rollinson, for Gravel	205	1	8
„ Nicholson, for Broken Guernsey Granite	590	6	9
„ Nicholson for Pitchers	179	0	5
„ Nicholson, for Cornish Kerb... ..	114	11	8
The Commercial Gas Company for Gas to Vestry Hall—two quarters ...	20	10	3
Mr. J. J. Griffiths, for Paving Works...	417	3	10
Messrs. Doulton, for Lime	6	0	0
Mr. Sudgay, for Carpenter's Work ...	4	18	8
„ Rollinson, for removal of Dust ...	18	15	0
Messrs. Mead and Powell, for Stationery	16	6	0
The Guardians of City of London Union, for Granite	50	0	0
Total	£2653	14	9

General

Brought forward ... £2716 4 6

Balance ... 1361 0 3

£4077 4 9

SPECIAL

Remaining proportion of Liabilities of the Trustees of the
 Balance of amount borrowed for expenses incurred in
 Hall and offices and other incidental expenses, from
 19th Dec., 1860, upon Mortgage of the General Rates
 Balance of amount borrowed towards the cost of
 Lane, from the Star Life Assurance Society, on the
 of the General Rates

Purposes—continued.

Brought forward £2653 14 9
 The Guardians of Mile End Old Town
 for Granite 20 0 0
 Mr. Mansfield, for repairs to water carts
 and slop carts 20 0 0
 Mr. Beaten, ditto ditto ... 35 0 0
 Salaries, proportion of 137 10 0
 Mr. G. Ratty, for paving, &c., Oley Place 161 10 0
 „ G. Ratty, ditto Diggon St. 388 0 0
 „ G. Ratty, ditto Tillotson St. 116 10 0
 „ G. Ratty, ditto St. Dunstan's Rd. 143 0 0
 „ G. Ratty, ditto Baggallay Street 213 0 0
 Balance of Estimates over amounts of Con-
 tracts for paving Oley Place, Diggon
 Street, Tillotson Street, St. Dunstan's
 Road, and Baggallay Street, representing
 various incidental expenses and amounts
 which, on final adjustment, will be re-
 turnable to owners... .. 189 0 0

£4077 4 9

LIABILITIES.

Commercial Road, transferred to the Vestry 2205 8 2
 purchase of land for, and erection of, Vestry
 the Star Life Assurance Society, on the
 2400 0 0
 widening the North end of White Horse
 12th day of March, 1868, upon Mortgage
 1500 0 0
 D £6105 8 2

Lighting.

MONEYS OWING TO THE VESTRY.

	£	s.	d.
Overseers—the excess of their receipts over the amount of Calls upon them made during the year...	151	14	8
Balance	749	19	5
	<u>£901</u>	<u>14</u>	<u>1</u>

Sewers.

MONEYS OWING TO THE VESTRY.

	£	s.	d.
Overseers—amount of Call made upon them for the Main Drainage Rate ...	2164	1	5
Overseers—the excess of their receipts over the amount of Calls upon them for expenses of Sewers made during the year ...	299	19	9
Overseers—Ditto for Main Drainage Rate	610	8	2
Miss Stirling — balance of amount for drainage works at No. 6, Norfolk Street	6	11	2
Mrs. Sanden — ditto for drainage works at Nos. 30, 31 & 32, Vincent Street...	7	8	9
	<u>£3088</u>	<u>9</u>	<u>3</u>

Lighting.

MONEYS OWING BY THE VESTRY.

	£	s.	d.
The Commercial Gas Company, for the supply of gas to public lamps ...	815	0	9
Mr. E. J. Hall, for 50 new lamp-posts ...	86	13	4
	<u>£901</u>	<u>14</u>	<u>1</u>

Sewers.

MONEYS OWING BY THE VESTRY.

	£	s.	d.
The Metropolitan Board of Works, for Main Drainage Rate ...	2388	4	0
Mr. W. Finch, for jobbing sewers works	104	9	11
Mr. Smith, for disinfectants for gulleys, &c.	14	7	4
Messrs. Killingback & Radley, balance of contract for Sewerage Works in Wellington Street ...	21	10	0
Salaries, proportion of ...	137	10	0
Balance	422	8	0
	<u>£3088</u>	<u>9</u>	<u>3</u>

List of

DATE.	NAME OF CONTRACTOR.
1868	
April 2	James Rollinson
" 8	Henry Gardner
May 13	Alexander Nicholson
June 16	Edward James Hall
" 29	James Rollinson
August 21	William Finch
October 13	John James Griffiths
November 30	William James White
December 19	Alexander Nicholson
1869.	
January 5	William Finch
February 3	Charles Killingback & Charles Radley...
" 8	James Rollinson
" 17	Alexander Nicholson

Contracts.

SUBJECT OF CONTRACT.	AMOUNT OF CONTRACT.
	£ s. d.
Removal of Dust, for One year ...	75 0 0
Supply of Horses, Carts, and Drivers...	Amount cannot yet be ascertained.
Supply of 3000 tons of broken Guernsey granite	1743 15 0
Supply of 50 Lamp-posts	86 13 4
Paving and Making up Latimer Street, Stepney Green	175 10 0
Construction of Sewers in Rhodeswell Road and Silver Street	310 11 3
Supply and laying down of 12,000 feet of 2½ inch York paving in various parts of the Hamlet, and 6,000 feet of 3-inch paving in Burdett Road ...	1017 3 10
Supply of 10,000 feet of 2½ inch York paving	267 15 5
Supply of 2,000 feet of Cornish Granite Kerb	114 11 8
Jobbing Sewers' Work	Amount cannot yet be ascertained.
Construction of Sewer in Wellington Street... ..	86 10 0
Supply of 1000 yards of Gravel ...	191 13 1
Supply of 150 tons of 4 inch Aberdeen Granite Pitchers	162 10 0

List o

DATE.	NAME OF CONTRACTOR.
1869	
March 17	George Ratty
" 17	George Ratty
" 17	George Ratty
" 17	George Ratty
" 17	George Ratty
October 13	Hoad and Silver Street
1017 8 10	Supply and laying down of 12,000 feet of 3/4 inch York paving in various parts of the Hamlet, and 6,000 feet of 3-inch paving in Burdett Road
207 16 5	Supply of 10,000 feet of 3/4 inch York paving
114 11 8	Supply of 2,000 feet of Cornish Granite
86 10 0	William Finch
191 13 1	Jobbing Sewers' Work
162 10 0	Construction of Sewer in Wellington Street
	Supply of 1000 yards of Gravel
	Supply of 150 tons of 1/2 inch Aberdeen Granite Pitchers

Contracts—continued.

SUBJECT OF CONTRACT.	AMOUNT OF CONTRACT.
	£ s. d.
Making up the carriageway and paving the footpaths of Oley Place ...	161 10 0
Ditto ditto Diggon Street ...	388 0 0
Ditto ditto Tillotson Street ...	116 10 0
Ditto ditto St. Dunstan's Road...	Amount cannot yet be ascertained.
Ditto ditto Baggallay Street ...	213 0 0

We, the undersigned Auditors of the Accounts of the Vestry of the Hamlet of Mile End Old Town, in the County of Middlesex, do hereby Certify that the above are correct Abstracts of the Accounts of the Receipts and Expenditure of the said Vestry, for the year ending the 25th day of March, 1869, as audited and allowed by us, and correct statements of the moneys owing to, and debts and liabilities owing by the said Vestry, on that day, and of all Contracts entered into by the said Vestry in that year.

Dated this 27th day of May, 1869.

ARCHIBALD POLLOK BLACK,
JOHN HAIGH,
WALTER CLARKE,
REGINALD MILLS,
ROBERT JAMES TUCKER, } Auditors.

AMOUNT OF CONTRACT.	SUBJECT OF CONTRACT.
£ 161 10 0 March 17 1869	Making up the carriageway and paving the footpaths of Oley Place ...
£ 388 0 0	Ditto ... Diggon Street ...
£ 116 10 0	Ditto ... Tillotson Street ...
Amount cannot yet be ascertained. £ 213 0 0	Ditto ... St Dunstan's Road ... Ditto ... Baginbally Street ...

And the undersigned Auditors of the Accounts of the Vestry of the Hamlet of Mile End Old Town, in the County of Middlesex, do hereby certify that the above are correct Abstracts of the Accounts of the Receipts and Expenditure of the said Vestry, for the year ending the 25th day of March, 1869, as audited and allowed by us, and correct statements of the moneys owing to, and debts and liabilities owing by the said Vestry, on that day, and of all Contracts entered into by the said Vestry in that year.

Dated this 27th day of May, 1869.

Auditors. }
 ARCHIBALD FOLLOK BLACK,
 JOHN HAIGH,
 WALTER CLARKE,
 REGINALD MILLS,
 ROBERT JAMES TUCKER.

REPORT

REPORT JUNE, 1869.

GENTLEMEN,

I have much pleasure in laying before you a statement of the works carried out under the superintendence of my department, during the year ending March 25th and in expressing my thanks for the unanimous support and sympathy received at your hands, and to a hope that my endeavours to faithfully perform the duties of my office will meet with your approval.

TO

THE

THE 8 VESTRY of 3-in. paving have been laid in Bardett-road, and 15,506 ft. superficial of 2½-in. paving in Esmond-road, Coborn-road, St. Dunstan's-road, and St. Ann's-road.

OF THE

This work was performed under contract with Messrs. Booth & Griffith, in a satisfactory manner, and cost the sum of £1017 3s. 10d.

Hamlet of Mile End Old Town. In addition to the 3-in. paving have been purchased under contract from Mr. White, and laid in various parts of the Hamlet by their own masons.

One hundred and fifty tons of 4-in. pitching have been bought for the purpose of paving crossings in various parts.

REPORT

OF

THE SURVEYOR

TO

THE VESTRY

OF THE

Parish of St. Andrew Old London.

REPORT

JUNE, 1869.

GENTLEMEN,

I have much pleasure in laying before you a statement of the works carried out under the superintendence of my department, during the year ending March 25th, 1869, and in doing so permit me to express my thanks for the unanimous support I have recently received at your hands, and to a hope that my endeavours to faithfully perform the duties of my office will meet with your approval.

PAVING.

During the year 11,648 ft. superficial of 3-in. paving have been laid in Burdett-road, and 15,506 ft. superficial of 2½-in. paving in Esmond-road, Coborn-road, St. Dunstan's-road, and St. Ann's-road.

This work was performed under contract with Messrs. Booth & Griffith, in a satisfactory manner, and cost the sum of £1017 3s. 10d.

In addition to this 10,000 ft. superficial of 2½-in. paving have been purchased under contract from Mr. White, and laid in various parts of the Hamlet by your own masons.

One hundred and fifty tons of 4-in. pitching have been bought for the purpose of paving crossings in various parts.

NEW STREETS.

During the year you have paved, made up, and taken under your charge Latimer-street, Diggon-street, Oley-place, Tillotson-street, Baggallay-street, and St. Dunstan's-road, being an addition of 2290 ft. lineal or 91600 ft. super to the roads of the District. The work in these streets has been performed at the cost of the owners of property.

Turner's - road, Woolmore - street, Rowsell - street, Robert-street, Edward-street, and Hall-street, have been made up and paved by the Trustees of the Cotton Estate, and taken under your charge as Public Highways. These roads have a superficial area of 158300 ft., equal 3950 ft. lineal, making a total quantity of 6240 ft. lineal of new roads added to the roads of the Hamlet during the year.

The following Tabular Statements will shew the cost of materials and labour for the past three years.

ROAD MATERIALS.

<i>Year ending March, 1867.</i>			<i>Year ending March, 1868.</i>			<i>Year ending March, 1869.</i>		
Yards.	£	s. d.	Yards.	£	s. d.	Yards.	£	s. d.
1172 Gravel.....	168	12 0	2815 Gravel.....	344	17 0	1714 Gravel.....	299	19 0
1026 Ragstone.....	307	16 0	3483½ Granite	2612	5 0	2431 Granite.....	1783	0 0
2297 Granite.....	1500	9 6						
27 Spauls	9	9 0						
	<u>£1986</u>	<u>6 6</u>		<u>£2957</u>	<u>2 0</u>		<u>£2082</u>	<u>19 0</u>

HORSE HIRE AND LABOUR.

1866.	1867.	1868.	1869.
£ s. d.	£ s. d.	£ s. d.	£ s. d.
Horse Hire for Scavenging 1010 0 0	Horse Hire for Scavenging 1411 10 0	Horse Hire for Scavenging 1496 16 0	Horse Hire for Scavenging 1056 5 0
Do. for Drawing Materials 390 18 4½	Do. for drawing Materials 614 15 5	Do. for Drawing Materials 452 16 6	Do. for Drawing Materials 227 15 0
Labor on Roads and Rent of Stone Yards 892 6 4½	Labor on Roads and Rent of Stone Yard 1151 10 0	Labor on Roads and Rent of Stone Yards 1097 15 6	Labor on Roads and Rent of Stone Yards 1729 14 0
<u>£2293 4 3</u>	<u>£3177 15 5</u>	<u>£3047 11 11</u>	<u>£3014 14 0</u>

The following is a list of the principal streets which have been repaired during the year, with the quantities of material used.

	Grnte. Grvs.			Grnte. Grvs.	
Bancroft Road	8		Heath street	2	
Sidney street	27		Grosvenor street	2	
St. Paul's road	71	19	Exmouth street	8	
Burdett road	270	34	Russell street	2	
Rhodeswell road	3	7	Spring Garden place ...	2	
Globe road	39	68	Bedford street.....	14	1
Nottingham place		5	Turner street	110	17
Mile End road	1107	49	Devonshire street	61	13
Raven row	5		Tredegar square		18
Arbor square		2	Carlton road		5
Union street	9	2	Coborn road		25
Jubilee street	15	4	Regent's road	2	2
Jamaica street.....	1	8	Johnson street	6	
Philpot street	25	3	Beaumont street		37
Robert street	12		William street.....	46	1
Stepney green	108	13	Edward street	92	
Bow Common lane	26	53	York street	38	30
Edinboro road		11	Globe road	39	68
Arbor Street and Square		37	South grove.....	5	
Church passage		6	St. Dunstan's road	2	203
Oxford street	2	36	Cottage grove		3
Carr street	2		Wellesley street		28
Dempsey street	20		Canal road	3	3
Longfellow road		27	Greenfield street	39	
Clark street	27		St. Peters road	60	1
Tollit street		5	Charles street	50	1
Calverley street		4	James street	28	
Norfolk street	1	47	West street	20	1
Patterson street	6		Suffolk street	34	
Nelson street	2		Epping place		2
Frederick place	4		Stracy street		10
Nicholas street	17		Morgan street		1
Assembly passage	4		St. Anns road		72
New street		52	Copley street	152	
Park road		74	Gloucester street		3
St. Thomas road.....		2	Carlton road		126
Beaumont street	2		Bromhead street		2
Garden street		16	Ocean street.....		22
Grove road		5	Frimly street		10
Regent's street	8				

SCAVENGING.

The arrangement which I was enabled to make last spring with the Great Eastern Railway Company, for taking the slop and refuse, carted from the roads of our Hamlet, has been most advantageous. The Company have taken our slop for nearly the whole of the year, and have been enabled to dispose of it readily up to this time. The Vestry constructs stanks to receive the slop, and load the material into the Company's trucks, when it is of about the consistency of cheese.

During the year 11,319 yards of slop and dry sweepings have been taken to Devonshire Street Railway Station.

The cost for cartage } has been	£	1056	s.	5	d.	0	or	s.	1	d.	10½	per	yard.
For trimming and } loading into the } Company's trucks. }		115	13	0	or	0		2½				per	yard.
		<hr/>											
	£	1271	18	0									

Being a saving of £224 18s. upon the outlay of last year for the same work.

WATERING.

During the summer months the water carts were employed on 109 days, at a cost of £552 1s. 4d. for horses, carts, and drivers, and £369 1s. 6d. for 9,170,000 gallons of water.

LIGHTING.

The lighting of the Hamlet is done by the Commercial Gas Company, who light 742 lamps. The cost of lighting and maintenance to the Vestry was £3265 4s. 10d.

No complaint has been made during the year, either of the quality or quantity of the gas supplied.

SEWERS.

New Sewers have been laid in Rhodeswell-road, Silver-street, and Wellington-street, at an outlay of £397 1s. 3d.

The following Table will show the length of each description of pipe laid within the Hamlet, during the year.

18 in. by 18 in.	663 ft.	|	9 in. by 9 in.	4680 ft.
15 „ ... 15 „	850 „	|	6 „ ... 6 „	9360 „
12 „ ... 12 „	550 „	|	4 „ ... 4 „	3510 „

Two hundred and thirty-four houses were connected with our Sewers during the year.

The account for cleansing Sewers, amounted to £151 1s. 3d.

I have the honour to be, Gentlemen,

Your obedient Servant,

JNO. M. KNIGHT,

Surveyor.

Sewers.

New Sewers have been laid in Rhodeswell-road, Silver-street, and Wellington-street, at an outlay of £337 1s. 3d.

The following Table will show the length of each description of pipe laid within the Hamlet, during the

Year.	18 in. by 18 in.	9 in. by 9 in.
1860	550	360
1861	550	350

Two hundred and thirty-four houses were connected with our Sewers during the year.

The account for cleansing Sewers, amounted to £151 1s. 3d.

I have the honour to be, Gentlemen,
Your obedient Servant,

JNO. M. KNIGHT,

WATERING.

During the summer months the water carts were employed on 107 days, at a cost of £552 1s. 4d. for 1,442,552 gallons of water.

LIGHTING.

The lighting of the Hamlet is done by the Commercial Gas Company, who light 257 lamps. The cost of lighting and maintenance has amounted to £325 4s. 10d.

No complaint has been made during the year, either of the quality or quantity of the gas supplied.

Destry of the Hamlet of Mile End Old Town.

GENTLEMEN,

REPORT

ON THE

SANITARY CONDITION & PUBLIC HEALTH

OF

Mile End Old Town,

FOR

THE YEAR ENDING MARCH THE 27TH, 1869,

BY

MATTHEW CORNER, M.D.,

Medical Officer of Health.

LONDON:

T. PENNY & CO, PRINTERS, LEMAN STREET, WHITECHAPEL, E.

1869.

History of the Hospital of St. George and St. Andrew

REPORT

OF THE

SANITARY CONDITION & PUBLIC HEALTH

OF

St. George and St. Andrew

FOR

THE YEAR ENDING MARCH THE 31ST, 1860.

BY

MATTHEW CORNER, M.D.,

Medical Officer of Health.

LONDON:

T. BIRNBY & CO., PRINTERS, LINNEN STREET, WHITECHAPEL, E.

1860.

REPORT.

GENTLEMEN,

In accordance with the provisions of the Metropolis Local Management Act (18 and 19 Vict., c. 120, s. 132, and 25 and 26 v., c. 102, s. 43), I beg to submit the Thirteenth Annual Report upon the state of the public health and general sanitary condition of the Hamlet, for the year ending March, 1869.

BIRTHS AND DEATHS.

By reference to Table I., it will be seen that the number of births for the year is slightly below that of the previous year, but 225 above the average of 5 previous years, and shows an excess of births over deaths of 1632.

The birth-rate per 1000 of the population living in the Hamlet was 39.11, or within a fraction of 4 per cent. The rate for the whole kingdom was 36.36, and for the Metropolis 36.23 per 1000 population, being only a little over $3\frac{1}{2}$ per cent. in each case.

The same Table shows the number of deaths to have been 52 above the average of 5 previous years; this slight increase is chiefly attributable to the severe epidemic of scarlatina, which prevailed throughout the whole country. In the two winter quarters ending in March, 1869, 97 deaths occurred in the Hamlet from this disease, whooping-cough was also exceptionally fatal. But to form a just estimate of the public health of the Hamlet, we must compare our rate of mortality to the population living, with the death-rates of the Metropolis and the whole country.

POPULATION AND RATES OF MORTALITY.

The annual rate of mortality per 1000 population living in the Hamlet, was 20.97; in the Metropolis, 24.10; and for the whole country 22.76.

The average rate for the rural districts of England, including small towns, is about 20 per 1000 population living

The comparison between these rates (both for births and deaths) is very satisfactory with regard to this Hamlet. I am anxious to refer to the question of the present population of the Hamlet. In 1861, the census showed a total of 73064, since that period, over 2600 new houses have been built; estimating the number of occupants of each of such houses at 6 persons and deducting half as already resident in the Hamlet, this source alone would give an immigrant increase of 8,000 to the population; add to this the natural increase of population by excess of births over deaths, from which source, during the eight years since the last census, there is an increase in Mile End of 9,824 persons; this number is of course subject to reduction by removal.

In view of these facts, I have estimated the present population at 90,000, and based the statistics and calculations thereon. The birth-rate of nearly 4 per cent. in the Hamlet, during the last 5 years, appears conclusive confirmatory evidence that the increase of population is rather under than over estimated.

EPIDEMIC DISEASES.

Tables II. and III. show the number of deaths from this class of diseases in each quarter of the year, and the total numbers for 10 previous years. The deaths for the year ending March last, exceeded by 55 the average of 10 previous years. This excess arises mainly from

scarlatina, which was especially fatal during the two winter quarters; the deaths from this disease increased from 10 and 19, in the two summer quarters respectively, to 60 and 37 in the two winter quarters, making a total of 126 deaths during the year from scarlatina, against 59 from the same cause during the previous year.

The three last fatal epidemics of this disease begun in 1858—9, 1863—4, 1868—9, respectively, showing an equal interval, representing probably the period of incubation or elaboration of the specific virus of this disease. Scarlatina is more easily communicable, and its infectious property more permanent and persistently ineradicable than other ordinary epidemic diseases, hence the rapidity and certainty with which it spreads, unless vigorously checked, through schools and localities, or wherever young persons are congregated in numbers. Scarlatina is eminently a preventable disease, its morbid principle being especially producible by sewage matter as it exists in old obstructed and disused drains; once originated in this way, its extension is only limited by the number of persons susceptible to infection who may come in its way.

Small Pox.—There were only 4 deaths from this disease during the year. The average number of deaths for the 10 previous years was 22.

Fever was fatal in 95 cases, the average number for 10 previous years being 73.

Measles.—Twenty-nine deaths occurred from this disease, the average for 10 years being 49.

At the commencement of the scarlatina epidemic in October, I caused printed notices to be sent to every known school in the Hamlet, containing instructions as to the best and most stringent measures to be adopted in the event of the disease appearing among the

scholars; at the same time bills and placards were distributed and posted throughout the Hamlet, containing plain and concise recommendations for the prevention and suppression of epidemic diseases, this plan is still continued, and, I believe, has been the means of doing much good.

CAUSES OF DISEASE.

It is far easier to discover and remove the primary or generating causes of these diseases, than it is to check their spread by infection and contagion. For example, in three instances in which scarlatina had been especially fatal — George Place, Diamond Row, and Frimly Street—foul, obstructed, and very offensive drains were discovered under the basement floors of the houses. The necessary remedial works, and sanitary measures were at once carried out, and the disease did not spread in the locality immediately surrounding. In what may be termed “spontaneous outbreaks” of scarlatina, I have invariably been able to trace the cause to a similar origin, and I have little doubt that the primary causes of ordinary epidemic diseases emanate from similar subterranean sources.

In London and most old towns, the dwellings are surrounded or undermined by old, obstructed, or disused drains, similar to the examples I have given, containing stagnant filth of the foulest description, and it is only a question of time for the maturation of the the disease virus and degree of facility for its escape into the air we breathe, or possibly the water we drink, or may be contact with the food we eat, for the inevitable production of some fatal blood poison disease.

These decayed old sewers and drains are the most prolific sources of disease, their power for mischief being enhanced by their close relationship with the houses they were formerly intended to serve.

I do not think that recent sewage-matter, however injurious to health the emanations therefrom, has the power to generate specific diseases, such as scarlatina, measles, diphtheria, &c., otherwise we should have a permanent plague of epidemics, but if allowed to remain wholly or partially stagnant for a lengthened period, the duration of which would be modified by various circumstances, as dilution with water, exposure to the air, confinement in closed drains, extent of movement, if any, and nature of the sewage-matter, it acquires the property of generating specific epidemic diseases.

In warm weather, during the evenings and nights, when the upper atmosphere condenses, the lower air becomes loaded with the sewer gases that have been to an enormous extent previously diffused during the day, the breathing air immediately above the ground being charged to saturation with these vapours; to this fact, the senses of both smell and taste bear ample testimony. It is in this source of atmospheric pollution we have, I fully believe, the principal cause in towns of the annual epidemics of summer and choleraic diarrhœa. The removal of the evil must be concomitant with the solution of the problems of sewer ventilation and sewage utilization.

SANITARY LAWS.

A Royal Sanitary Commission is at present sitting, with a view to obtain information available for amended sanitary legislation.

I have seen no evidence of their having investigated such practical, common, and certain causes of disease as some to which I have alluded, but probably they may yet descend to such essential enquiries. One important result to be hoped for is the consolidation and simplification of the laws relating to public health, which at present are vague, complicated, and often

impracticable in their application. I doubt whether the public is sufficiently impressed with the value of the science of sanitation, to submit to the literal application of laws sufficiently stringent and comprehensive, to be really effective in suppressing epidemic disease. Take for example an epidemic of scarlatina: to check its course, complete isolation of patients, and often removal of persons from their homes would be essential to success, in addition to the more practical sanitary works of disinfection of houses, bedding, clothing, &c. These measures must all be carried out systematically, stringently, and under competent authoritative supervision; their partial application, in the case of such a disease, would produce only partially good results. You cannot check or extinguish a fire without removing or isolating the combustible material, and by the ample application of water; leave, however little flame and combustible matter within reach, and the conflagration will spread; so with these infectious diseases, they must be treated as I have indicated to produce their effectual suppression. To attain this object is quite practicable, but as I have said, I do not think the public is yet prepared for such application of the necessary means.

I trust the Royal Commission will obtain such information as to induce them to base their recommendations for future legislation upon practical rather than theoretical data, so that the administration of the laws relating to the public health may be really efficient, and, at the same time, just and economical.

ARTIZANS' AND LABOURERS' DWELLINGS' ACT.

The powers given under this Act have been exercised in two instances, embracing fourteen houses in Frimley Street, North Ward, and Eaton Place, Centre Ward.

My Reports thereon being referred to the Surveyor, he recommended certain structural alterations in all the houses, to remedy the faults I had indicated. These recommendations were adopted by the Vestry. The necessary works were then executed by the owners to the satisfaction of the Surveyor.

HOSPITALS.

Number of Patients sent to Hospitals at the cost of the Hamlet.

FEVER HOSPITAL.			SMALL POX HOSPITAL.							
Men.	Women.	Children.	Men.	Women.	Children.					
54	...	37	...	13	...	2	...	1	...	0
Total			...	107						

Being exactly the same total as last year; but the numbers of the respective diseases varied, this year the fever cases were 104 against 93 in the previous year; small pox cases, 3 this year against 14 previous year. The immediate cost to the Hamlet for the patients alone would necessarily be about the same as the previous year, viz., £349 10s. 8d., but this primary charge is insignificant, if compared, as in my last year's Report, with an estimate of the ultimate cost resulting from deaths of parents leaving children a permanent charge upon the ratepayers, by the patients themselves being disabled from and losing work, or through impaired vital powers, remaining for an indefinite period incapable of arduous labour.

My object in making special allusion to this charge upon the rates, is to promote an increased interest in such sanitary works as will not only save many valuable lives, and prevent much human suffering, but would also prove a great pecuniary gain, by prevention and removal of those conditions, which experience has clearly proved to be the cause of such a large proportion of disease and death.

SPECIAL REPORTS.

The following is a summary of Special Reports made by me during the year:—

1868 *Regent's Canal*.—Upon complaints of offensive April. smells arising from the water, reports upon the condition of the water and result of analyses of samples procured by myself, and other samples sent by the Company. Correspondence with the Secretary of the Company and interviews with their Engineer. Explanations that the alleged causes of complaint would be discontinued as reported to the Vestry. No further complaints have been made.

„ *Essex Street, West Ward*.—Report upon complaints of deficient water supply. Correspondence with Water Company.

Report upon Fever and overcrowding in in this street, and recommendations for general sanitary works, which were carried out. Suppression of the fever and overcrowding.

May. *Vintners' Alms Houses*.—Report upon complaint of defective construction and ventilation.

„ *Burial Ground, Globe Road*.—Upon letter of complaint from Home Office—report and recommendations.

„ *Commercial Gas Works*.—Report upon complaint of neighbours of unusually offensive smells arising therefrom. Inspection of the works and premises.

June. *No. 97, New Street, West Ward*.—Complaint of new erections in rear of—report and recommendations—referred to Surveyor.

„ *Chemical Works, Regent's Road*.—Report upon.

„ *Ton's Blood Manure Manufactory*.— Report upon.

- July. *Walmsley's Malt Roasting Works.*—Reports upon and recommendations.
- „ *Union Court, Cleveland Street.*—Report and recommendations upon defective water storage and sanitary condition.
- „ *Scarlatina.*—Serious outbreak in George 1869 Place. Reports and recommendations upon.
- Feb. *Jupp's Chemical Works.*—Report upon.
- „ *Reports* upon sanitary condition of houses in Silver Street, and Mission House, Silver Street.
- Mar. *Eaton Place.*—Reports and recommendations re Artizans' and Labourers' Dwellings' Bill.
- May. *Scarlatina.*—Upon complaint to the Vestry of prevalence of, in Devonshire Street, E. Report and recommendations thereon.
- July. *Cholera.*—Reports upon two cases of alleged deaths from.
- „ *Pettit's Sugar Bag Manufactory.*—Report and recommendations upon memorial of inhabitants of Bedford square.
- Sept. *Cholera.*—Reports upon 5 cases of alleged deaths from, in 2 adults and 3 children.
- „ *Scarlatina.*—Upon several cases and deaths in the house 10, Frimley Street, and Diamond Row, reports and recommendations.
- „ *Fever.*—Robert's Place, reports and recommendations.
- Oct. *Schools.*—In relation to the scarlatina epidemic then prevailing; report and recommendations; special printed notices, with sanitary instructions, sent to all schools.
- Nov. *Robert's Place.*—Report and recommendations for Vestry to provide disinfecting apparatus for clothing, bedding, &c.

Nov. *Frimley Street.*—Report and recommendations upon a number of houses, re Artizans' and Labourers' Dwellings' Bill.

Dec. *Recommendation.*—That printed sanitary instructions be circulated and posted throughout the Hamlet. Recommendation adopted and carried out.

REPORT OF THE SANITARY INSPECTOR.

LIST OF SANITARY WORKS EXECUTED DURING THE YEAR 1868 - 9.

Houses and premises connected with new sewers...	130
Old drains abolished	109
Traps provided to drains, closets, &c.	843
Houses cleansed and purified... ..	147
Houses visited where disease has occurred, and notices left, re contagious diseases	542
Foul drains cleansed	96
Accumulations of dung and refuse removed.....	22
Premises from which Pigs were removed	16
Water-waste preventers provided.....	3

All the bake-houses have been visited twice during the year, and, where necessary, notices have been served to limewhite and cleanse.

The slaughter-houses and cow-houses have also been visited and various improvements carried out therein.

HENRY LESHAW, *Inspector.*

GAS.

The average illuminating power of the gas supplied by the Commercial Gas Company has been equal to 14.4 sperm candles or 2.4 candles higher than required by Act of Parliament.

PURITY.

Ammonia.—The quantity has varied, but has never exceeded from $\frac{1}{2}$ to 3 grains per 100 cubic feet—the last testing showing only half a grain—the maximum quantity permitted by the Gas Referees under the City Gas Act of 1868, but which does not apply to the Commercial Company, is five grains of ammonia to 100 feet of gas, this standard has probably been somewhat arbitrarily fixed. The Act of 1860, which rules the Commercial in common with other Companies, does not prescribe any specific quantity of ammonia, but provides for a mode of paper-testing by which all Gas Companies would be repeatedly liable to conviction if the quantity of ammonia were only one-fifth part of the amount allowed under the City Companies Act of 1868—the test is delicate, and shows the presence of an infinitesimal proportion of ammonia. It has occurred during several successive days that this test has failed to detect the presence of any ammonia in the Commercial Company's gas.

Sulphuretted Hydrogen has never been present.

Sulphur.—Under the Act of 1860, 20 grains to 100 cubic feet is the maximum quantity allowed for this impurity. At that period, I believe, it was found quite impracticable to manufacture gas that should with any degree of certainty contain only this amount of sulphur. Hence the City Act of 1868 does not prescribe any specified amount but confers upon referees the power to fix from time to time, as in the case of ammonia, the quantity of sulphur which shall be legitimately present in the gas. The last testing showed 23 grains of bisulphide of carbon to 100 cubic feet in the Commercial Company's gas, but the average of numerous testings was only $18\frac{1}{2}$ grains. From this short review of gas testing it will be seen that gasology has not yet attained the position of an exact science.

It is, however, satisfactory to know that the gas supplied to this Hamlet exceeds the requirements of the Act of Parliament.

Every facility has been given by the Company to investigate both the manufacture and quality of their gas. A recent request from me for the Company to provide an improved photometer at the local Testing House was at once agreed to by Mr. ROBERT JONES, the Engineer.

I have the honor to remain,

GENTLEMEN,

Your most obedient Servant,

M. CORNER.

TABLE I.
B I R T H S

For each Quarter commencing April 4th, 1868, and ending March 27th, 1869.

JUNE.			SEPTEMBER.			DECEMBER.			MARCH.			TOTAL.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	3520
430	441	871	431	399	830	443	464	907	459	453	912	3520

D E A T H S

For each Quarter commencing April 4th, 1868, and ending March 27th, 1869.

JUNE.			SEPTEMBER.			DECEMBER.			MARCH.			TOTAL.
Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	1888
206	223	429	257	219	476	257	248	505	222	256	478	1888

Excess of Births over Deaths, 1632.

TABLE II.
Deaths from Zymotic Diseases in each Quarter.

Qr. ending	Fever.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Diarrhoea.	Cholera.	Whoop.-cough	Croup.	Erysipelas.	Total.
June	16	3	11	10	2	18	—	24	9	2	95
September	26	—	8	19	2	99	4	7	9	1	175
December	32	1	1	60	5	8	—	10	12	2	131
March ...	21	—	9	37	—	3	—	14	13	—	97
Totals ...	95	4	29	126	9	128	4	55	43	5	498
Totals for 5 previous years	1864	1865	1866	1867	1868	Average	1869				
	522	507	421	420	348	429	498				

TABLE III.

Showing the Deaths from Four Epidemic Diseases for each Quarter during 1868-9, and for corresponding Quarters of 10 previous Years.

	1868-9.					Total 4 Qrs.	1859-60.					Total 4 Qrs.	1860-1					Total 4 Qrs.	1861-2					Total 4 Qrs.
	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.		2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.		3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.		4th Qr.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	
Fever	8	7	21	11	47	15	11	17	13	56	7	12	12	9	40	9	15	23	34	81				
Small-pox	0	1	0	5	6	9	6	13	7	35	2	3	13	3	21	0	1	5	2	8				
Measles ...	8	7	6	5	26	7	5	22	14	48	23	13	9	4	54	1	2	0	26	29				
Scarlatina	21	19	35	31	106	14	30	53	16	113	15	7	8	5	35	19	16	19	21	75				
Totals ...	37	34	62	52	185	45	52	105	50	252	52	35	42	21	150	29	34	47	83	193				
	1862-3					Total 4 Qrs.	1863-4.					Total 4 Qrs.	1864-5.					Total 4 Qrs.	1865-6.					Total 4 Qrs.
	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.		2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.		3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.		4th Qr.	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	
Fever	35	29	35	26	125	29	24	25	21	99	12	26	30	17	85	19	22	29	12	82				
Small-pox	1	0	5	5	11	22	16	3	2	43	2	2	1	0	5	1	6	4	12	23				
Measles ...	45	19	20	5	89	3	3	1	3	10	41	51	20	6	118	1	3	7	10	21				
Scarlatina	5	26	18	23	72	34	53	44	36	167	13	25	48	11	97	7	18	33	37	95				
Totals ...	86	74	78	59	297	88	96	73	62	319	68	104	99	34	305	28	49	73	71	221				
	1866-7.					Total 4 Qrs.	1867-8.					Total 4 Qrs.	1868-9.					Total 4 Qrs.						
	1st Qr.	2nd Qr.	3rd Qr.	4th Qr.	1st Qr.		2nd Qr.	3rd Qr.	4th Qr.	1st Qr.	2nd Qr.		3rd Qr.	4th Qr.	1st Qr.	2nd Qr.	3rd Qr.		4th Qr.					
Fever	11	14	22	13	60	11	16	24	8	59	16	26	32	21	95									
Small-pox	10	13	11	10	44	13	3	2	14	32	3	0	1	0	4									
Measles	33	14	6	5	58	4	5	19	10	38	11	8	1	9	29									
Scarlatina	12	15	15	14	56	7	5	5	12	29	10	19	60	37	126									
Total	66	56	54	42	218	35	29	50	44	158	40	53	94	67	254									

TABLE IV.
Deaths from all Causes.

Quarter ending—	Fever.	Small-pox.	Measles.	Scarlatina.	Diphtheria.	Diarrhoea of Children under 3 years.	Cholera.	Dysentery.	Whooping-cough.	Laryngitis.	Erysipelas.	Diseases of the Abdominal Organs.	Bronchitis, Pleuritis and Pneumonia.	Bronchitis and Pneumonia of Children.	Dentition.	Hydrocephalus.	Dropsy.	Cancer.	Hernia.	Heart Diseases.	Apoplexy, paralysis, and other Brain Diseases.	Pyæmia, puerperal fever & Uterine Hemorrhage.	Premature Birth & Debility.	Violence, Privation and Poison.	Natural Decay.	Other Diseases, chiefly chronic.	Phthisis.	Exhaustion.	TOTAL.		
June, 1868...	16	3	11	10	2	2	15	0	3	24	9	2	27	31	31	5	33	15	7	0	19	32	8	19	12	26	4	49	11	0	431
Sept., ,,	26	0	8	19	2	11	88	4	1	7	9	1	36	20	9	6	24	24	7	0	14	39	3	25	13	25	6	52	4	0	483
Decr., ,,	32	1	1	60	5	3	5	0	0	10	12	2	22	47	39	3	31	8	7	0	31	41	6	15	4	21	6	62	1	1	476
March, 1869...	21	0	9	37	0	0	13	0	1	14	13	0	15	58	44	5	44	12	6	2	19	43	6	20	10	25	1	59	11	0	498
Totals.....	95	4	29	126	9	16	121	4	5	55	43	5	100	156	123	19	137	59	27	2	83	155	23	79	39	97	17	222	27	1	1888

1888	413	282	412	430
112	21	83	42	43
190	21	20	52	32
190	33	42		

TABLE V.

Deaths in Wards during the four Quarters ending March 27, 1869.

Qr. ending	North.	East.	West.	Centre	South.	Wkhses.	Hospital	Males.	Females.	Total.
June	76	76	71	93	75	31	1	207	222	429
Sept.	106	62	87	106	84	35	1	260	216	476
December	90	87	67	125	93	44	1	260	245	505
March	103	70	75	116	82	31	1	221	257	478
Total	375	295	300	440	334	147	4	948	940	1888

TABLE VI.
Deaths at various Ages.

Quarter ending—	0 and under 5	5 and under 10	10 and under 15	15 and under 20	20 and under 30	30 and under 40	40 and under 50	50 and under 60	60 and under 70	70 and upwards	Total.
June, 1868	205	12	5	7	23	31	34	34	35	43	429
September „	262	19	5	8	22	28	37	24	25	45	475
December, „	232	24	11	8	32	41	40	45	39	33	585
March, 1869	219	11	8	6	36	25	36	33	51	54	479
Totals	918	66	29	28	113	125	147	136	150	175	1888

A P P E N D I X .

OPEN PLACES.

The subject of Epping Forest having recently given a special interest to the question of open places in and around densely populated towns, I have thought it my duty, with the permission of the Vestry, to state very briefly my views upon the question.

There is no difficulty in conceding the truism that air and light are necessary to human existence, it must therefore be equally true that their value in this respect bears direct relation to their purity and freedom. Any cause which shall vitiate the one or obstruct the due action of the other, must, in a corresponding degree, be prejudicial to health.

If these simple but vital facts are applied to the case of vast multitudes of people congregated together, as in this Metropolis, without a single urban oasis of any extent in the wilderness of bricks, the question becomes one of so serious a nature as to be difficult of exaggeration. The urgency of the question is greatly enhanced by the present imminent danger of Epping Forest being extensively enclosed, and so lost for the purposes for which it has hitherto been used. There is every indication that London will continue as hitherto to increase in population and extend in area; imagine the result, say, in only ten years, probably another circle of two miles around the present circumference would in that time be built upon; let this go on for an indefinite period without interference, and the result to

the public health and general well being of the community must be disastrous. How is the atmosphere, or rather the compound of vapours and smoke which represent it, to become purified? The early morning atmosphere of London is now tolerably clear and pure, the smoke (which ought to be more consumed) and other impurities having managed to escape, but to be presently again re-placed by a similar almost unbreathable atmosphere. Under such circumstances, it is impossible to obtain a sufficient supply of pure air for the due maintenance of health. Hence the pressing necessity for legislative interference in the question of Metropolitan Building Extension—not, of course, to limit, but to regulate building of dwellings. For instance, it might be enacted that no more houses should be erected within two miles of the present inhabited circumference of the Metropolis, the circle to be defined and modified according to circumstances. In this way a great circular lung or reservoir of air would be secured to the half stifled people. It is quite plain that some such course must eventually be adopted, enforced, probably, by the gradual degeneracy of the multitudes who are compelled to exist permanently under such devitalizing conditions.

Provision is made in the Sanitary Acts to prevent overcrowding of human beings in the interior of houses, on account of the danger to health, in an insufficient supply of air. The same principle and effect would apply and result from overcrowding houses themselves for habitation upon a given area. This is probably the most important of all questions relating to the public health. A plentiful supply of air, light, and means of recreation, would do more to resist and suppress disease than all other sanitary measures combined.

For these reasons, the recently expressed adverse views of the present Government, with regard to

Epping Forest, are to be deplored, and the more so because they are the views of a Government which attained power presumably to legislate for the social well being and happiness of the people. Another example in our own District is afforded, of disregard to local feeling and interest, in the sanction given by the Poor Law Board to the establishment of a Casual Workhouse, for another Parish in the best part of this Hamlet, without consulting either the local authorities or inhabitants. Such an advent is certainly an additional source of danger to health, as well as depreciation of the value of property. It was refused to withdraw or modify such sanction, upon an appeal being made with that object.

These are vital questions in relation to the public health, otherwise I should not have troubled the Vestry by their introduction. The loss of Epping Forest would especially be a calamity. Better far to disestablish and compensate Lords of Manors, than to allow the health and enjoyment of the people to be sacrificed by the deprivation of that which contributes and is essential to both.

M. C.

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Provision is made in the Sanitary Acts to prevent overcrowding of human beings in the interior of houses, as well as in relation to the amount of light and air to be supplied to the interior. The same principle would apply to the overcrowding of man and beast in any habitation upon a given area. This is probably the most important of all questions relating to the public health. A plentiful supply of light, air and means of recreation would be more to assist and suppress disease than all other sanitary measures combined.

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